

Vol. V. No. 1.

June, 1911.

Bulletin of the
**College of
William and Mary**
Williamsburg, Virginia



Catalogue for the Session of 1910-1911.
Announcement for Session 1911-1912



COLLEGE OF WILLIAM AND MARY.

Catalogue of the

College of

William and Mary

Williamsburg, Virginia



Session of 1910-1911.

Announcement for Session 1911-1912

(Entered at the Post-Office in Williamsburg as second class matter.)



Contents.

Calendar of Exercises and Holidays,	4
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Part I.—Organization.

Board of Visitors,	7
Officers of Instruction and Administration,	9
Holders of Scholarships,	14
Degrees Conferred,	14
Register of Students,	16
Register of Students by Classes,	21
History,	24
Grounds and Buildings,	28

Part II.—The College.

Entrance Requirements,	33
Government and Regulations,	42
Expenses,	46
Honors and Degrees,	50
Announcement of Collegiate Courses,	55

Part III.—Department of Normal Training.

Department of Normal Training,	75
Register of Normal Students,	74
Specialized Courses for Teachers,	71
Appointment of State Students,	76
Diplomas and Certificates,	78
Bureau of Recommendations,	78
Outline of Teachers' Courses,	79
Description in Detail of Teachers' Courses,	83
Observation and Practice School,	94

Part IV.—College Organizations.

Department of Physical Culture,	97
Athletics,	97
College Societies and Publications,	99
Religious Work,	101
Alumni Association,	103

Part V.—The Normal Academy.

The Normal Academy,	107
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Calendar of Exercises and Holidays, 1911-1912

Beginning of the Two Hundred and Eighteenth Session,

Thursday, September 21st.

Formal Opening ExercisesMonday, September 25th.

Thanksgiving DayThursday, November 23rd.

Christmas Vacation.....Friday, December 22nd-Monday, January 1st.

Exercises ResumedTuesday, January 2, 1912.

Intermediate Examinations,

Saturday, January 20th to Wednesday, January 31st.

Beginning of Second Term.....Thursday, February 1st.

Birthday of General Lee.....Friday, January 19th.

Birthday of General Washington.....Thursday, February 22nd.

Jamestown Day.....Monday, May 13th.

Final Examinations.....Wednesday, May 29th-Saturday, June 8th.

Baccalaureate Sermon.....Sunday, June 9th.

Final Celebrations of the Literary Societies.....June 10th-11th.

Alumni Day.....Wednesday, June 12th.

Closing Exercises of the Session.....Thursday, June 13th.

PART I,

OFFICERS AND STUDENTS

HOLDERS OF SCHOLARSHIPS

DEGREES CONFERRED, 1909-1910.

HISTORY

GROUND AND BUILDINGS

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Board of Visitors.

The Rector of the College,
ROBERT MORTON HUGHES.

The Visitors of the College. **To July 1, 1912.**

HON. JAMES NEW STUBBS, Vice-Rector,
Woods X-Roads, Gloucester County, Virginia.

HON. WILLIAM MUNFORD ELLIS,
Shawsville, Montgomery County, Virginia.

HON. JOSEPH HOWARD CHITWOOD,
Roanoke, Virginia.

HON. JAMES ROBERT JORDAN,
Smithfield, Virginia.

WILLIAM CHURCHILL LYONS TALIAFERRO, Esq.,
Hampton, Virginia.

To July 1, 1914.

ROBERT MORTON HUGHES, Esq.,
Norfolk, Virginia.

HON. THOMAS H. BARNES,
Suffolk, Virginia.

WILLIAM DANIEL SMITH, Esq.,
Gate City, Virginia.

COLLEGE OF WILLIAM AND MARY

HON. MANLY HOWELL BARNES,
New Kent, Virginia.

JOSEPH METTAUER HURT, Esq.,
Blackstone, Virginia.

The State Superintendent of Public Instruction,
HON. JOSEPH D. EGGLESTON, Jr., ex-officio,
Richmond, Virginia.

The Secretary of the Visitors,
LEVIN WINDER LANE, Jr.,
Williamsburg, Virginia.

Officers of Instruction and Administration.

PRESIDENT AND MASTERS, OR PROFESSORS,
1910-1911.

LYON GARDINER TYLER, M. A., LL. D.,
President.

JOHN LESSLIE HALL, Ph. D.,
Dean of the Faculty.

LYON GARDINER TYLER, M. A., LL. D.,
Professor of Politics and Economics.

JOHN LESSLIE HALL, Ph. D.,
Professor of the English Language and Literature.

THOMAS JEFFERSON STUBBS, A. M., Ph. D.,
Professor of Mathematics.

VAN FRANKLIN GARRETT, A. M., M. D.,
Professor of Chemistry.

CHARLES EDWARD BISHOP, Ph. D.,
Professor of Greek, French and German.

JOHN WOODSIDE RITCHIE, A. B.,
Professor of Biology.

RICHARD McLEOD CRAWFORD, A. M.,
Professor of Drawing and Manual Arts.

WALTER ALEXANDER MONTGOMERY, A. B., Ph. D.,

Professor of Latin and Associate Professor of Greek.

HENRY EASTMAN BENNETT, A. B.,

Professor of Philosophy and Education and Supervisor of the
Observation and Training School.

WILLIAM HOUSTON KEEBLE, B. S.,

Professor of Physics.

JAMES SOUTHALL WILSON, M. A., Ph. D.,

Professor of History and Associate Professor of the English
Language and Literature.

GEORGE OSCAR FERGUSON, Jr., A. B.,

Adjunct Professor of Education and Philosophy and Principal
of the Normal Academy.

JOHN TYLER, A. M.,

Adjunct Professor of Mathematics.

HERBERT LEE BRIDGES, A. B.,

Assistant in Politics and Economics.

FRED MULL CRAWFORD, A. B.,

Physical Director and Assistant in Drawing and Manual Arts.

AMOS RALPH KOONTZ,

Assistant in Biology.

WILLIAM ASHBY BLOXTON, L. I.,

Instructor in the English Language and Literature.

NANNIE CARRINGTON DAVIS,

Assistant in Education and Principal of the Observation and
Training School.

ELMER RAYMOND STUMP,
Laboratory Assistant in Chemistry.

HOWELL HARRIS FLETCHER,
Laboratory Assistant in Physics.

ARTHUR SYLVESTER HOWE,
Instructor in Latin and French.

Officers of Administration.

LYON GARDINER TYLER, M. A., LL. D.,
President of the College.

JOHN LESSLIE HALL, Ph. D.,
Dean of the College.

HERBERT LEE BRIDGES, A. B.,
Registrar of the College and Secretary to the Faculty.

EMILY PRYOR CHRISTIAN,
Librarian and Secretary of the College.

GEORGE A. HANKINS, M. D.,
Physician to the College.

ROBERT LEE SPENCER,
Steward of the Boarding Department, and Superintendent of Grounds
and Buildings.

LEVIN WINDER LANE, Jr.,
Treasurer of the College and Secretary to the Board of Visitors.

MARY ANNE MORECOCK,
Secretary to the President.

Observation and Training School.

MATTEY'S FREE SCHOOL,*
1910-1911.

HENRY EASTMAN BENNETT
Supervisor.

NANNIE CARRINGTON DAVIS.
Principal.

Assistants.

ELIZABETH ADAMS MORECOCK,

LAURA MOOR STILLWELL,

MARY HENLEY SPENCER,

MARGARET MURPHY,
Teacher in Kindergarten.

* By the terms of Mrs. Mary Whaley's will, dated 16th February 1741-'42, the church wardens and vestry of Bruton Parish were given £50 and the residue of her estate in England, after payment of legacies, to maintain the "free school" in Bruton Parish, established by her about 1706, in honor of her little son, Matthew Whaley, or "Mattey," as she called him.

Administrative Committees of the Faculty.

The President is "Ex-officio" Chairman of all Committees.

I. Entrance Examinations and Student Supervision,
PROFESSORS WILSON, KEEBLE, STUBBS, FERGUSON.

II. Student Activities,
PROFESSORS KEEBLE, STUBBS, CRAWFORD.

III. Public Activities and Publicity,
PROFESSORS BISHOP, MONTGOMERY, GARRETT.

IV. Schedule, Curriculum and Degrees,
PROFESSORS HALL, KEEBLE, MONTGOMERY.

V. Library,
PROFESSORS BENNETT, MONTGOMERY, WILSON.

VI. Recommendations and Self-Help.
PROFESSORS GARRETT, BENNETT, RITCHIE.

VII. Normal Academy,
PROFESSORS WILSON, BENNETT, FERGUSON.

Holders of Scholarships.

1910-1911.

William Barton Rogers Scholarship in the Massachusetts Institute of Technology	John Compton Freeman
Cocoran Scholarship	William Hayney Neblett
Chancellor Scholarship	John Edgar Pool
Graves Scholarship	Harry Evans Trimble
Bennett Scholarship	Arthur Sylvester Howe
Soutter Scholarship	Alan Fred English

Degrees Conferred.

June, 1910.

MASTERS OF ARTS.

Roach, Wilfred Everard, Glen Echo, Md.
 Young, Roscoe Conkling, Pennington Gap, Va.

BACHELORS OF ARTS.

Beale, John Daniel, Williamsburg, Va.
 Bell, Cecil Cooper, Oceana, Va.
 Davis, Jack Marye, Beayer Dam, Va.
 Ebell, Charles Lewis, Elwood, N. J.
 Eubank, Henry Ragland, Etna Mills, Va.
 Fletcher, Howell Harris, Dot, Va.
 Goodwin, Edward Le Baron, Fairfax, Va.
 Hall, Eugene Hedgman, Lynhams, Va.
 Hall, Channing Westbrook, Berkley, Va.
 Healey, Joseph Ewart, Streets, Va.
 Hurt, Joseph Mettauier, Jr., Blackstone, Va.
 Koontz, Amos Ralph, Marksville, Va.

Ransone, Coleman Bernard, Port Haywood, Va.
Roach, Wilfred Everard, Glen Echo, Md.
Snipes, Elisha Lucas, Zuni, Va.
Tompkins, Henry Fitzhugh, Guineys, Va.
Townsend, Micajah Oliver, Keysville, Va.
Young, Roscoe Conkling, Pennington Gap, Va.

BACHELORS OF SCIENCE.

Bear, Francis Harvey, Churchville, Va.
Blackmore, Charles Thomas, Hampton, Va.
Koontz, Amos Ralph, Marksville, Va.
Young, Roscoe Conkling, Pennington Gap, Va.

TEACHER'S DIPLOMA.

Beale, John Daniel, Williamsburg, Va.
Bell, Cecil Cooper, Oceana Va.
Bear, Francis Harvey, Churchville, Va.
Bloxtton, Walter Ashby, Norfolk, Va.
Capps, John Edgar, Princess Anne, Va.
Davis, Jack Marye, Beaver Dam, Va.
Deierhoi, William Hansen, Highland Springs, Va.
Eubank, Henry Ragland, Etna Mills, Va.
• Hall, Eugene Hedgman, Lynhams, Va.
Healey, Joseph Ewart, Streets, Va.
Koontz Amos Ralph, Marksville, Va.
Newton, Blake Tyler, Hague, Va.
Ransone, Coleman Bernard, Port Haywood, Va.
Tompkins, Henry Fitzhugh, Guineys, Va.
Townsend, Micajah Oliver, Keysville, Va.
Young, Roscoe Conkling, Pennington, Va.

Register of Students.

1910-1911.

Abrahams, William Russell,.....Enfield, King William Co., Va.
 Adams, Howard Horsey,.....Laurel, Delaware.
 Addison, William Strange,.....Eastville, Northampton Co., Va.
 Agee, Kenneth Arnold,.....Hiltons, Scott Co., Va.
 Alfriand, William Jeffery,.....Norfolk, Va.
 Armistead, Cary Champion,.....Williamsburg, Va.
 Arnold, George Prince,.....Waverly, Sussex Co., Va.
 Bagley, Charles Rutherford,.....Moyock, N. C.
 Bane, Edward,.....R. F. D. 2, Roanoke, Va.
 Barnes, James Foster,.....Amelia, Va.
 Barr, William Hall,.....New York, N. Y.
 Barrow, Theophilus, Jr.,.....Smithfield, Isle of Wight Co., Va.
 Beale, Alvin Francis,.....Port Norfolk, Va.
 Bennett, Thomas William,.....Philadelphia, Pa.
 Bing, Bennett Ellis,Free Union, Albemarle Co., Va.
 Bishop, Charles Eric,.....Williamsburg, Va.
 Bishop, Ernest Edward,.....Williamsburg, Va.
 Blackwell, Richard Bertram,.....Kenbridge, Lunenburg Co., Va.
 Blackwell, Herbert Hatchett,.....Kenbridge, Lunenburg Co., Va.
 Bloxton, William Ashby,.....Norfolk, Va.
 Blitzer, Max,.....Brooklyn, N. Y.
 Borkey, Andrew Verbin,.....Bowling Green, Caroline Co., Va.
 Borkey, Malcolm Lenwood,.....Bowling Green, Caroline Co., Va.
 Brannon, Guy Worth,.....Whitacre, Frederick Co., Va.
 Brinkley, Henry William,Cypress Chapel, Nansemond Co., Va.
 Bristow, Frank Marshall,.....Churchview, Middlesex Co., Va.
 Brockwell, Raymond Harrison,....Bradley's Store, Chas. City Co., Va.
 Brodowsky, Abraham Alexander,.....Brooklyn, N. Y.
 Brown, Virginius Faunt Le Roy,.....Novum, Madison Co., Va.
 Brown, Wade Thomas,.....Culpeper, Va.
 Bryan, Arthur Butler,.....Petersburg, Va.
 Bunting, John W., Jr.,.....Odd, York Co., Va.
 Burch, Robert Eugene,.....Samos, Middlesex Co., Va.
 Capps, John Edgar,.....Princess Anne, Va.
 Carmines, Daniel Henry,.....Odd, York Co., Va.
 Chaplain, Russell William,.....Princess Anne, Va.
 Carter, Harry Lee,.....R. F. D. 1, Danville, Va.
 Cato, John Henry, Jr.,.....Emporia, Greensville Co., Va.
 Charles, Benton Crooks,.....Dare, York Co., Va.

Christie, Arthur Read,	East Orange, N. J.
Clary, Roane Alexander,	Newville, Prince George Co., Va.
Clary, Hugh Valentine,	Newville, Prince George Co., Va.
Clay, Marion Doss,	Coeburn, Wise Co., Va.
Clements, James David,	Ordinary, Gloucester Co., Va.
Cooper, Alvin Carl,	Lovettsville, Loudoun Co., Va.
Cox, Samuel Willmont,	Hilton's Scott Co., Va.
Cox, Reginald Francis,	Alexandria, Va.
Crockett, Cecil Clinton,	Waterview, Middlesex Co., Va.
Dameron, Wilbur Robbins,	Kinsale, Westmoreland Co., Va.
Davis, Goodwyn Montgomery,	R. F. D. 2, Petersburg, Va.
Deal, Roy Chetwood,	Norfolk, Va.
Deel, William Oscar,	Dante, Dickinson Co., Va.
Deierhoi, William Hansen,	Highland Springs, Henrico Co., Va.
Derflinger, John Wesley,	R. F. D. 1, Front Royal, Va.
Dold, William Elliott, Jr.,	"River Crest," Astoria, L. I., N. Y.
Doswell, James Marshall,	New Canton, Buckingham Co., Va.
Doty, William Kavanaugh,	Richmond, Ky.
Drewry, Walter Leslie,	Wakefield, Sussex Co., Va.
Dunn, John Herschell,	Providence Forge, New Kent Co., Va.
Echols, Floyd Leslie,	Seven Mile Ford, Smyth Co., Va.
Ellis, Gardiner Tyler,	Shawsville, Montgomery Co., Va.
Ellis, William Franklin,	Lloyds, Essex Co., Va.
Ellis, William Leonard,	Lloyds, Essex Co., Va.
English, Alan Fred,	Shamokin, Pa.
Farthing, Ernest Power,	Newport News, Va.
Feinstein, Martin,	New York, N. Y.
Fentress, Milton A.,	Ghent, Norfolk Co., Va.
Fletcher, Howell Harris,	Dot, Lee Co., Va.
Ford, Paul Adie,	Talcott, West Virginia.
Forrest, Alfred Sylvester,	Messick's York Co., Va.
Frey, Oliver Walter,	Allentown, Pa.
Fugate, Robert Elmer,	Nickelsville, Scott Co., Va.
Fulton, Grady Hollinsworth,	Mt. Airy, N. C.
Gale, Joseph Bronson,	Bobs, Isle of Wight Co., Va.
Galt, John Mears,	Williamsburg, Va.
Games, Lemuel Francis,	Norfolk, Va.
Garland, Andrew Leckie,	Warsaw, Richmond Co., Va.
Garth, Bernard Allen,	Ivy Depot, Albemarle Co., Va.
Geddy, Thomas Henley, Jr.,	Williamsburg, Va.
Getzoff, Benjamin,	Elizabeth, N. J.
Gilliam, Raymond Taylor,	Chuckatuck, Nansemond Co., Va.
Gilliland, Leslie James,	Snow Shoe, Pa.
Gillions, David Lionel,	Cowart, Northumberland Co., Va.
Gordon, Alexander,	New York, N. Y.
Goodwin, Frederick Deane,	Ashland, Va.

Graefe, Arthur Marshall,	Harpersville, Warwick Co., Va.
Graves, Cecil Conrad,	Marksville, Page Co., Va.
Graves, Frank Erskin,	Marksville, Page Co., Va.
Graves, John Spottswood,	Liberty Mills, Orange Co., Va.
Greenawalt, Cyrus Markle,	Winchester, Va.
Gresham, Stanley O'Neal,	Champlain, Essex Co., Va.
Griggs, Douglas Meriwether,	Big Island, Bedford Co., Va.
Grigsby, W. A.,	Rosita, King George Co., Va.
Hall, Joseph Farland,	Williamsburg, Va.
Hamilton, Henry Rufus,	Nicksesville, Scott Co., Va.
Hamlin, Charles Hemten,	R. F. D. 1, Burkeville, Va.
Harris, Herman Lee,	Coeburn, Wise Co., Va.
Harrison, William Mortimer,	Shirley, Charles City Co., Va.
Healy, John Hilliard,	Churchview, Middlesex Co., Va.
Hicks, Wirt Taylor,	Port Royal, Caroline Co., Va.
Hillman, Luther Monroe,	R. F. D. 1, St. Paul, Wise Co., Va.
Hilsman, John Roger,	Austin, Texas.
Hite, James Merrick,	Earls, Amelia Co., Va.
Hitt, Harrison H.,	Novum, Madison Co., Va.
Holler, Carl Wise,	Terre Haute, Ind.
Holloway, Joseph,	Odd, York Co., Va.
Hoover, Lawrence Hiter,	Williamsburg, Va.
Hopkins, Walter Lee,	Rocky Mount, Franklin Co., Va.
Horne, John Robert,	Sugar Grove, Smyth Co., Va.
Hoskins, John Hundley,	Dunnsville, Essex Co., Va.
Howe, Arthur Sylvester,	Groveton, N. H.
Hubbard, Sam Hildreth, Jr.,	Forest Depot, Bedford Co., Va.
Jackson, John Wallace,	Keswick, Albemarle Co., Va.
Jackson, Robert Bruce,	Keswick, Albemarle Co., Va.
James, Arthur Wilson,	Bedford City, Va.
Jenkins, Floyd Franklin,	Carrsville, Isle of Wight Co., Va.
Jennings, Clarence,	Hickory, Norfolk, Va.
Johnson, M. K.,	Rip Raps, Elizabeth City Co., Va.
Jones, James Earley,	New Glasgow, Amherst Co., Va.
Jones, Hugh Howard,	Williamsburg, Va.
Jones, Edward Cary,	Urbanna, Middlesex Co., Va.
Kellam, John Wise,	Pungoteague, Accomac Co., Va.
Koontz, Amos Ralph,	Marksville, Page Co., Va.
Lackey, Harry Howard,	Lackey, York Co., Va.
Lane, Levin Winder,	Williamsburg, Va.
Larkin, George,	Portsmouth, Va.
Leach, Edgar Alutus,	Chase City, Va.
Leatherbury, Alfred Parker,	Machipongo, Northampton Co., Va.
Lee, William Byrd, Jr.,	Gloucester, Va.
Leigh, Alfred Lawrence,	Kenmore, Fairfax Co., Va.
Lewis, Preston Gorman,	Farnham, Richmond Co., Va.
Lloyd, McPayne,	Norfolk, Va.

Long, Charles Henry,	Philadelphia, Pa.
Lowenback, Maurice Roller,	Leesburg, Va.
Lynn, H. D.,	Sterling, Loudoun Co., Va.
Machen, Emmett Lee Haskins,	Mobjack, Mathews Co., Va.
Marrow, Harry Franklin,	Hampton, Va.
Martin, Talmage,	Providence Forge, New Kent Co., Va.
Mattox, Arthur L.,	Petersburg, Va.
Mears, Charles Gilbert,	Hampton, Va.
Meriwether, James Addison,	Holcombs Rock, Bedford Co., Va.
Metcalf, Wayne Carr,	Williamsburg, Va.
Mitchell, Rupert Venoy,	Whitmell, Pittsylvania Co., Va.
Montgomery, Samuel Joseph,	Lacrosse, Mecklenburg Co., Va.
Moore, John Dameron, Jr.,	R. F. D. 2, Portsmouth, Va.
Myers, Howard Samuel,	Norfolk, Va.
McAllister, James Rowan,	Norfolk, Va.
MacGuffin, Elliott Buford,	Callaway, Franklin Co., Va.
McMenamin, James,	Hampton, Va.
McMenamin, John,	Hampton, Va.
Neale, Thomas Sherman,	Heathsville, Northumberland Co., Va.
Neblett, William Hayney,	Kinderwood, Lunenburg Co., Va.
Neil, James Johnston,	Lawrence, Mass.
Nidermaier, Joseph Otto,	Poplar Hill, Giles Co., Va.
Nourse, Walter Burton,	Casanova, Fauquier Co., Va.
Oliver, Harry Lester,	Great Falls, Fairfax Co., Va.
Parker, Henry Godwin,	Portsmouth, Va.
Parker, William Leroy,	Portsmouth, Va.
Parsons, William Falcon,	Petersburg, Va.
Peachy, Bathust Dangerfield,	Williamsburg, Va.
Perkins, Richard,	Newport News, Va.
Pitman, John Matthew,	Williamsburg, Va.
Pool, John Earl,	Portsmouth, Va.
Powers, Harry Whitfield,	Northwest, Norfolk Co., Va.
Presson, John Morris,	Harpersville, Warwick Co., Va.
Prillaman, Rufus Alkanah,	Callaway, Franklin Co., Va.
Purdum, Charlie Henry,	Providence Forge, New Kent Co., Va.
Richards, James Neville,	Riverton, Warren Co., Va.
Richardson, Cameron Gregg, Jr.,	Portsmouth, Va.
Riggins, Linwood Calvin,	Poquoson, York Co., Va.
Roberts, Lionel Wynne,	Williamsburg, Va.
Robertson, Walter Spencer,	Norfolk, Va.
Rock, A. J.,	Farnham, Richmond Co., Va.
Rocke, Leonard Burford,	Lynchburg, Va.
Rowe, Thomas Jefferson,	Hampton, Va.
Salmon, Charles Lester,	Elk Hill, Goochland Co., Va.
Scheie, Leif Ericson,	Williamsburg, Va.
Schenck, George William,	Norfolk, Va.

Schepmoes, Charles Harmon,.....	Dendron, Surry Co., Va.
Self, Levi Leachmond,.....	Lone Oak, Henry Co., Va.
Shiers, Winfield,.....	Lawrence, Mass.
Slater, Willie Barricklo,.....	Toano, James City Ca., Va.
Smith, Robert Guy, Jr.,.....	Urbanna, Middlesex Co., Va.
Smith, Charles Henry,.....	Oldhams, Westmoreland Co., Va.
Smith, Wallie,.....	Odd, York Co., Va.
Smith, Philip Clarke,.....	Tettington, Charles City Co., Va.
Snow, Charles Chapman, ...	Wicomico Ch., Northumberland Co., Va.
Somers, Wilson Edward,.....	Bloxom, Accomac Co., Va.
Spencer, Dangerfield Blair,.....	Williamsburg, Va.
Stanley, Isaac Jones,.....	Mayberry Carroll Co., Va.
Starnell, Clarke Byrne,.....	Alexandria, Va.
Stephens, Joseph Wm. Geo.,...	Wicomico Ch., North'umbl'd Co., Va.
Stockard, Tracy,.....	Reidsville, N. C.
Stump, Elmer Raymond,.....	Altoona, Pa.
Taylor, John Eldredge,.....	Chase City, Va.
Tennis, William James Hawkins,.....	Phoebus, Va.
Thomas, Earl Baldwin,.....	Brooklyn, N. Y.
Thoms, Alvin Louis,.....	Egg Harbor City, N. J.
Tilley, Thomas Chapman,.....	Norfolk, Va.
Trimble, Harry Evans,.....	Hampton, Va.
Tucker, Arthur Peoples,.....	Merry Mount, N. C.
Tucker, John Lewis,.....	Merry Mount, N. C.
Turner, Henry Atwill,.....	Lynchburg, Va.
Unger, Raymond LeCron,.....	Waynesboro, Pa.
Vaden, Herbert Wentworth,.....	Elba, Pittsylvania Co., Va.
Walker, Robert Henry,....	Stevensville, King and Queen Co., Va.
Walton, Francis C.,.....	Williamsburg, Va.
Warburton, Robert Clarence,.....	Hot Water, James City Co., Va.
Watkins, Robert Beal,.....	Studley, Hanover Co., Va.
Wilkinson, Frank Burton,.....	Nebletts, Lunenburg Co., Va.
Wilkinson, Thomas Epps,.....	Olo, Lunenburg Co., Va.
Willcox, Edward Roane,.....	Norfolk, Va.
Willcox, Cary Ambler,.....	Norfolk, Va.
Wilson, Paul Arlington,.....	Newport News, Va.
Winsbro, William,.....	Front Royal, Va.
Witchley, Percy Lewis,.....	Camden, N. Y.
Wright, John Halpin,.....	Richmond, Va.
Wright, Ernest Linwood,.....	Tappahannock, Essex Co., Va.
Wyant, Herbert Wilson,.....	Elkton, Rockingham Co., Va.
Zehmer, George Baskerville,.....	McKenney, Dinwiddie Co., Va.
Number of Students,	224
Pupils in Model School,	130

Total Roster, 354

Students by Classes.

CANDIDATES FOR MASTER'S DEGREE.

Class of 1911.

Koontz, A. R.,

Fletcher, H. H.,

CANDIDATES FOR BACHELOR'S DEGREE.

Class of 1911.

Agee, K. A.,
 Arnold, G. P.,
 Bloxton, W. A.,
 Capps, J. E.,

Doty, W. K.,
 Goodwin, F. D.,
 Graves, F. E.,
 Howe, A. S.,

Trimble, H. E.,
 Thoms, A. L.,

Class of 1912.

Blackwell, H. H.,
 Brown, W. T.,
 Deierhoi, W. H.,
 English, A. F.,

Gale, J. B.,
 Geddy, T. H.,
 Hopkins, W. L.,
 Lee, W. B.,

Neblett, W. H.,
 Snow, C. C.,
 Stump, E. R.,

Class of 1913.

Alfriend, W. J.,
 Bennett, T. W.,
 Bishop, C. E.,
 Bristow, F. M.,
 Christie, A. R.,
 Clements, J. D.,
 Dameron, W. R.,
 Deal, R. C.,

Farthing, E. P.,
 Hall, J. F.,
 Harrison, W. M.,
 Jackson, R. B.,
 Leatherbury, A. P.,
 Long, C. H.,
 Montgomery, S. J.,
 Moore, J. D.,

Nourse, W. B.,
 Prillaman, R. A.,
 Thomas, E. B.,
 Turner, H. A.,
 Unger, R. L.,
 Vaden, H. W.,
 Warburton, R. C.,
 Willcox, E. R.,

Class of 1914.

Adams, H. H.,
 Bagley, C. R.,
 Barr, W. H.,
 Barrow, T.,
 Beale, A. F.,
 Blackwell, R. B.,
 Blitzter, M.,
 Borkey, A. V.,

Borkey, M. L.,
 Brodowsky, A.,
 Bryan, A.,
 Carter, H. L.,
 Cato, J. H.,
 Charles B. C.,
 Deel, W. O.,
 Dold, W. E.,

Drewry, W. L.,
 Farthing, E. P.,
 Feinstein, M.,
 Forrest, A. S.,
 Fugate, R. E.,
 Galt, J. M.,
 Games, L. F.,
 Getzoff, B.,

Gilliland, L. J.,	Metcalf, W. C.,	Schepmoes, C. H.,
Gordon, A.,	Meriwether, J. A.,	Stanley, I. J.,
Graves, J. S.,	Myers, H. S.,	Starnell, C. B.,
Hamlin, C. H.,	Neale, T. S.,	Stockard, T.,
Hillman, L. M.,	Parker, H. G.,	Stephens, J. W.,
Holler, C. W.,	Parker, W. L.,	Taylor, J. E.,
Hoover, L. H.,	Peachy, B. D.,	Tennis, W. J.,
Hubbard, S. H.,	Presson, J. M.,	Tilley, T. C.,
James, A. W.,	Purdum, C. H.,	Tucker, J. L.,
Jones, E. C.,	Richards, J. N.,	Willcox, C. A.,
Leach, E. A.,	Robertson, W. S.,	Winsbro, W.,
McMenamin, James,	Rowe, T. J.,	Witchley, P. L.,
McMenamin, John,	Schenck, G. W.,	Wright, J. H.,
Mears, C. G.,	Scheie, L. E.,	

CANDIDATES FOR TEACHER'S DIPLOMA.

Class of 1911.

Blackwell, H. H.,	Harrison, W. M.,	Tucker, J. L.,
Borkey, A. V.	Hopkins, W. L.,	Turner, H. A.,
Dameron, W. R.,	Leatherbury, A. P.,	Vaden, H. W.,
Gale, J. B.,	Montgomery, S. J.,	Warburton R. C.,
Hamilton, H. R.,	Prillaman, R. A.,	

Class of 1912.

Beale, A. F.,	Fugate, R. E.,	McAllister, J. R.,
Blackwell, R. B.,	Garth, B. A.,	Neale, T. S.,
Borkey, M. L.,	Hamlin, C. H.,	Presson, J. M.,
Carter, H. L.,	Hillman, L. M.,	Scheie, L. E.,
Cato, J. H.,	Horne, J. R.,	Stanley, I. J.,
Charles, B. C.,	Hubbard, S. H.,	Stephens, J. W.,
Deel, W. O.,	Jones, E. C.,	Smith, C. H.,
Farthing, E. P.,	Leach, E. A.,	Taylor, J. E.,
Forrest, A. S.,	Metcalf, W. C.,	Winsbro, W.,

Class of 1913.

Addison, W. S.,	Derflinger, J. W.,	Lewis, P. G.,
Bing, B. E.,	Echols, F.,	Self, L. L.,
Brannon, G. W.,	Gillions, D. L.,	Smith, R. G.,
Brockwell, R. H.,	Graefe, A. M.,	Somers, W. E.,
Burch, R. E.,	Griggs, D. M.,	Tucker, A. P.,
Clary, H. V.,	Harris, H. L.,	Walker, R. H.,
Clary, R. A.,	Holloway, J.,	Wilkinson, T. E.,
Cooper, A. C.,	Jennings, C.,	Wyant, H. W.,
Cox, S. W.,	Johnson, M. K.,	

Class of 1914.

Abrahams, W. R.,	Garland, A. L.,	Lackey, H. H.,
Armistead, C. C.,	Graves, C. C.,	Mitchell, R. V.,
Barnes, J. F.,	Hitt, H. H.,	MacGuffin, E. B.,
Bunting, J. W.,	Healy, J. H.,	Nidermaier, J. O.,
Carmines, D. H.,	Hoskins, J. H.,	Powers, H. W.,

Class of 1915.

Brinkley, W. H.,	Hite, J. M.,	Rocke, A. J.,
Crockett, C. C.,	Jenkins, F. F.,	Rocke, L. B.,
Clay, M. D.,	Jones, J. E.,	Somers, V. L.,
Ellis, G. T.,	Jackson, J. W.,	Slater, W. B.,
Gresham, S. O.,	Larkin, Geo.,	Smith, W.,
Greenawalt, C. M.,	Leigh, A.,	Wilson, P. A.,
Hicks, W. T.,	Lloyd, M. P.,	Zehmar, G. B.,

SUB-COLLEGIATE CLASSES.**Second Year.**

Brown, V. L.,	Mattox, A. L.,	Salmon, C. L.,
Bishop, E. E.,	Martin, T.,	Shiers, W.,
Cox, R. F.,	Neil, J. J.,	Smith, P. C.,
Fulton, G. H.,	Parsons, W. F.,	Spencer, D. B.,
Hilsman, J. R.,	Perkins, R.,	Walton, F. C.,
Lane, L. W.,	Pitman, J.,	Watkins, R. B.,
Lowenback, M. R.,	Roberts, L. W.,	

Third Year.

Bane, E.,	Gilliam, R. T.,	Marrow, H. F.,
Davis, G. M.,	Jones, H. H.,	Pool, J. E.,
Ellis, W. F.,	Kellam, J. W.,	Riggins, L. C.,
Ellis, W. L.,	McAllister, J. R.,	Richardson, C. G.,
Ford, P. A.,	Machen, E. L.,	Wright, E. L.,
Frey, O. W.,		

History.

SWEET remembrances of an Old World and a New breathe about the very campus of the College of William and Mary. Chartered in 1693 by an English king and queen, and bearing their names, the college, fostered by royalty and the care of the Bishop of London, soon became associated with all the activities of early Virginia. Its dormitories bear the name of the English estate of the Brafferton in Yorkshire, on the one hand, and on the other the names of Virginia's distinguished sons, Ewell and Taliaferro. The president's house, accidentally destroyed by fire, was restored at the private cost of a king of France, and the statue of the popular royal governor, Lord Botetourt, still stands on a campus made sacred by the footsteps of the patriots, Washington, Jefferson, Marshall and Monroe.

The college lived on with a fair degree of success under its first president, Dr. James Blair, until October 29, 1705, when it was unfortunately burned. The work of teaching went forward in spite of this disaster, and in 1711, the college had been rebuilt upon the old walls; with the addition in 1723 of the new Brafferton building, which was at first used as the Indian School. Later the south wing was added to the college building for a chapel, in 1732, and in the same year the foundation of the president's house was laid.

President Blair, by whom the college had been chiefly founded and through whose abilities it had prospered, died in 1743; and the Professor of Moral Philosophy, Dr. William Dawson, succeeded him as president. It was during President Dawson's administration that George Washington received his appointment

from the college as county surveyor for Fairfax. The next president was the historian of Virginia, William Stith, who came to the office after Dr. Dawson's death in 1752.

Through a checkered career, as full of strife as of usefulness, the college, with a faculty of seven, went on in her labors, training men for the important struggle that was to come. During this period the presidents were Rev. Thomas Dawson, 1755-61; Rev. William Yates, 1761-64; Rev. James Horrocks, 1764-71; and Rev. John Camm, 1771-1777. During this latter period, Lord Botetourt in 1771 donated a number of medals to the college, which were the first to be awarded in America as collegiate prizes. On December 5, 1776, the famous Phi Beta Kappa, the first and most distinguished of all Greek letter fraternities, was founded by students of the college.

The character of the students of this early period of William and Mary's history may be judged by the influence of its alumni upon the making of the nation: three presidents of the United States attended classes at the college: Jefferson, Monroe and Tyler; and of these, two were students before the Revolution. Fifteen governors of Virginia were from these halls, and some of the most distinguished among them, Jefferson, Benjamin Harrison, the Randolphs and John Page, were of the early days. Four signers of the Declaration of Independence; and Marshall, Blair, Bushrod Washington and Philip P. Barbour, of the Supreme Bench, swell the honor roll of those bygone days. Many as the distinguished sons of the college in later years have been, no period in its history has equaled in results the pre-Revolutionary times.

Throughout the Revolution the college continued its exercises save for a short period at the time of the Yorktown campaigns, when Williamsburg became for a while almost the center of the Revolution. The president's house suffered by fire, after having

been the headquarters of Lord Cornwallis. As it was burned during its occupation by the French, it was restored at their expense.

In 1777, Rev. James Madison was elected president, and under his energetic management the college entered upon a new era. At this time Thomas Jefferson became a member of the Board of Trustees of the college, and put into operation many of his educational ideas. The college was changed to a university, and schools of modern language and municipal law—the first of their kind in America—were introduced. A general lecture system was instituted and free election was permitted among the courses offered. The first principles of the honor system may also be discerned at this time. George Wythe, the professor of law, and James McClurg, professor of medicine, vied with President Madison in distinction. Although President Madison became the first Bishop of the Episcopal Church in Virginia, the college never resumed its connection with the denomination after the Revolution.

President Madison died in 1812, having held the presidency since his twenty-eighth year; and the college suffered another loss in the transference of Jefferson's patronage soon afterward to his projected university at Charlottesville. The first presidents who followed were, Rev. John Bracken, 1812-14; John Augustine Smith, M. D., 1814-1826; Rev. William H. Wilmer, 1826-27; Rev. Adam Empie, 1827-36, and Thomas R. Dew, 1836-46.

Under President Dew and a remarkably able Faculty, the attendance was increased to 140 in 1839, a larger number than had hitherto attended the college during any session. A brief period of internal strife was followed by a revival of strength and influence under Presidents Johns and Ewell. The presidents after Dew were Robert Saunders, 1846-7; Benjamin S. Ewell,

1848; Bishop John Johns, 1849-54, and B. S. Ewell, 1854-88. In 1859, the main building of the college was burned for the second time, and the precious contents of the library destroyed. The war brought a suspension of the work of the college in 1861, and during the civil strife the main building was destroyed by fire for the third time; not, however, as before, by accident, but at the hands of Federal soldiers.

The Federal Government reimbursed the college for this loss in 1893.

After the war, the college opened in 1865, with Colonel Benjamin S. Ewell again acting as president. An effort to remove the college to Richmond was defeated, and the burnt buildings were restored; but for financial reasons the work of the college was suspended from 1881 until 1888.

With the assistance of the State, there was a reorganization in 1888, with Lyon G. Tyler as president. A period of new life and usefulness was begun, and soon the college reached the most prosperous state in its history. In 1906, the college became strictly a State institution, operated by a board appointed by the Governor of Virginia. Since the reopening of the college several new buildings have been erected and the number of professorships increased. A gymnasium, infirmary, science hall and library were built, and the working apparatus of every department is constantly being improved. The student body itself has increased in numbers, and is more satisfactorily prepared; the standard of requirements for entrance into college work and for the attainment of degrees has been materially raised. A spirit of wholesome growth and advancement is felt throughout the entire body-corporate of the institution.

The Grounds and Buildings.

The buildings of the College of William and Mary are situated upon a triangular campus, which is shaded by a beautiful grove. The total area of the campus is thirty acres, the western portion of which is utilized principally for the athletic grounds, including a large enclosed park and tennis courts.

The main college building is the largest and oldest of the buildings and most of its walls are those of the original structure of 1693. In this are the lecture rooms used by the departments of English, Mathematics, Latin, Greek and Modern Languages, Philosophy and Education, and History; and the halls of the two literary societies and the study hall. The south wing of this building is the chapel, in which are many interesting portraits and tablets erected to the memory of distinguished alumni. The north wing is used by the department of Drawing and Manual Arts.

The remainder of the lecture rooms are situated in the handsome new Science Hall, recently added to the college buildings. It is thoroughly equipped with laboratories and apparatus. The departments of Physics and Chemistry occupy the first floor. The north side, used for Chemistry, is divided into a lecture room, a laboratory, an apparatus room and a closet for tools. The Chemistry lecture room provides for seventy students; has modern folding seats with arm rests, slate blackboards, steam heat, water and electricity, lecture table, and cases for holding chemical apparatus, ores and minerals. The chemical laboratory accommodates fifty-six students working together. The desks have water, sinks, locked drawers, and full sets of reagents. There are gas closets with glass doors, cases for chemicals, apparatus, and supplies, and side-table reagents. A general storage room for glassware and supplies contains also a large, close-fitting case for acids.

The department of Physics occupies three rooms on the south side of Science Hall, first floor. The lecture room is provided with folding seats and accommodates sixty students. The laboratory is equipped with a good grade of apparatus that permits of accurate quantitative work. The equipment includes magnetometers, galvanometers of different types, resistance boxes of high grade, a fairly complete line of ammeters and voltmeters, spectrometers, polariscopes, gratings, etc. There is also a considerable amount of good demonstration apparatus. There is also located in the basement a good storage battery and motor-generator set. The laboratory is thus supplied with both direct and alternating current of wide range of voltage.

Biological laboratories are on the second floor, and are equipped with compound microscopes and other necessary apparatus. The location of the College gives the biological department the advantage of a rich and easily accessible supply of plant and animal forms for laboratory and field study.

On the second floor of this building are also the Faculty room, the Registrar's office and the lecture room used by the department of American History and Politics.

In front of the main building and facing on the grove, are the President's house and Brafferton Hall. The former was built in 1732, and has been the residence of the successive presidents of the institution. Brafferton Hall was built in 1723, and until 1793 accommodated the Indian school. Since the discontinuance of the Indian school, it has been used as a dormitory. Two other dormitories, the Ewell and Taliaferro Buildings, are situated on the south side of the main thoroughfare leading to Jamestown. On the first floor of the Ewell Building is the dining hall, which seats all the students in the college boarding department.

The Gymnasium Building, erected in 1901, has an excellent

equipment, and is itself one of the best gymnasiums in the South. It is furnished with lockers for the use of the students, and has a bath room with tub, shower and spray baths. On the second floor is the room used by the Young Men's Christian Association of the college.

The Library Building, made possible by the generosity of friends of the college, was completed in 1908. It contains twenty thousand volumes, many of them very rare. The building is of brick, with stone trimmings, is eighty feet in length by thirty feet in breadth, with the stack room on the north side. The library is open for the use of the students six hours each day and two hours each night.

The college has a commodious and well-ventilated infirmary. So good is the health of the students, however, that the building is little used, except as an office for the college physician, and for meetings of the Board of Visitors.

The college buildings are supplied with pure artesian water, distributed by pipes, and are heated by steam. All buildings and grounds are lighted by electricity.

The athletic field contains twenty-five acres, which lie back of the main building. It provides excellent facilities for outdoor sports. The baseball and football grounds have been recently enclosed by a close board fence, and a grandstand has been erected that will accommodate six hundred people. This addition to the athletic facilities of the college was due to the generosity of a close friend of the institution.

The new heat and light plant is being erected, and will be ready for use at the beginning of next session.

The building for housing this plant is located on the grounds of the College Hotel just back of the Infirmary. The erection of this plant will be a great convenience to the College, and will be a saving over the present multiple system of heating.

PART II.

SPECIALIZED COURSES FOR TEACHERS

ENTRANCE REQUIREMENTS

GOVERNMENT AND REGULATIONS

EXPENSES

HONORS AND DEGREES

ANNOUNCEMENT OF COLLEGIATE COURSES,

Entrance Requirements.

SPECIALIZED COURSES FOR TEACHERS.

William and Mary, as the Normal College of Virginia, presents special opportunities to State students to prepare themselves, at a minimum cost to teach in the public schools of the State. These courses begin with the first year of the Academy, and consist of three years in the Normal Academy and two years in the College. All students entering upon a State scholarship, or pursuing any one of the Teacher's Courses below the fourth year, must take full work as outlined.

The prescribed courses have been planned, *first*, to afford the prospective teacher a thorough knowledge of the subjects included in the best modern public school curricula; *second*, not less than three full year's work in professional study and training in the fields of (a) principles of teaching, (b) general and special methods, (c) historic and modern school systems, (d) school laws, organization and management, (e) observation and practice teaching; *third*, to allow the student to select, within well prescribed limits, and to pursue during the fourth and fifth years of his course certain groups of studies, thus securing special fitness and training to teach these subjects with success in secondary schools. This grouping of subjects gives rise to two courses, which are detailed under the heading of the Department of Normal Training on pages and are known as: (1) The Language and History Course; and (2) The Science Course. Further work in Education and Normal Training may be continued throughout any of the regular Academic Courses.

The College of William and Mary maintains a normal Academy in addition to the regular College courses. The entrance requirements and courses for the Normal Academy are to be found on page 75.

The requirements for entrance to the college courses are given below; the manner of registration will be found on pages 40-41.

College Entrance Requirements.

- I. AGE.—The applicant must be at least 16 years of age.
- II. CHARACTER.—*He must present a certificate of honorable discharge from the last school attended.*
- III. PREPARATION.—He must present a certificate from a reputable school showing adequate preparation on the subjects outlined in "Entrance Examinations," or stand said examinations. Applicants for admission to college should write to the Registrar for blanks, which should be filled out by the principal of the last school attended, *before the student comes to college.*

For full admission to the first year of the college courses, the candidate must present fourteen units, a unit representing a full year's work of five forty-minute periods per week. Among the fourteen units offered for entrance to either the Bachelor of Arts or the Bachelor of Science courses, *three* must be in English, *three* in Mathematics, and *one* in History. Candidates for the degree of Bachelor of Arts must offer an additional *three* units in Latin, and candidates for the degree of Bachelor of Science must present *one* unit in Science and *two* units either in Latin or in Modern Languages. The other *four* units may be selected from the optional subjects given below. The following table shows the required and the optional subjects that may be presented for entrance, and their values:

SUBJECTS.	TOPIC.	UNITS	
English A . .	English Grammar and Analysis (required)	I	
English B . .	Composition and Rhetoric (required)	I	
English C . .	Literature (required)	I	
Mathematics A	Algebra to Quadratics (required)	I	
Mathematics B	Quadratics, Progression, Binomials. etc. (required)	$\frac{1}{2}$	
Mathematics C	Plane Geometry (required)	I	
Mathematics D	Solid Geometry (optional)	$\frac{1}{2}$	
Mathematics E	Plane Trigonometry (optional)	$\frac{1}{2}$	
Latin A . . .	Grammar and Composition (required for A. B.) . .	I	
Latin B . . .	Cæsar—4 Books (required for A. B.)	I	
Latin C . . .	Cicero—6 Orations (required for A. B.)	I	
Latin D . . .	Virgil—6 Books (optional)	I	
History A . .	General History	One unit required. Two others may be presented.	I
History B . .	Greek and Roman		I
History C . .	English History		I
History D . .	American History & Civil Gov.		I
Science A . .	Physiography	One unit required for B. S. Three may be presented for A. B. or B. S.	I
Science B . .	Elements of Physics		I
Science C . .	Elements of Chemistry		I
Science D . .	Botany, Zoology and Physiology		I
Science E . .	Mechanical Drawing		$\frac{1}{2}$
German A . .	Grammar and Composition (optional)		I
German B . .	Reading and Exercises (optional)		I
French A . .	Grammar and Composition (optional)		I
French B . .	Reading and Exercises (optional)		I
Spanish . . .	Grammar and Composition (optional)		I
Greek A . . .	Grammar and Composition (optional)		I
Greek B . . .	Xenophon's Anabasis—4 Books (optional)		I

CONDITIONED ENTRANCE.

A student who cannot present the fourteen units as required, may be admitted on twelve units, provided arrangements are made to make up the remaining two units during the first two years of his college work. At least six of the twelve units presented must be from the list of those required for entrance to the A. B. or B. S. courses (page 34), *i. e.*, four and not more than four of the units presented may be selected from the list of optionals given on page 35.

ADMISSION UPON CERTIFICATES.

Candidates for admission to the college, or for any entrance credit whatsoever, must either pass the entrance examinations in the subjects covering the required number of units, or that part of them for which they desire credit; or they must present a certificate signed by the principal of a standard high school, or other institution of equal rank, showing adequate preparation on the required subjects. When a student is assigned to courses upon certificate, the assignment is conditioned upon his ability to do satisfactory work in the courses undertaken. It is urgently requested that these certificates be carefully prepared, and *that students write to the Registrar of the college for the necessary blanks before leaving home.* While admission to college is allowed upon graduation from accredited high schools, it is necessary to know the extent and content of the high school courses in order that the proper number of entrance credits may be ascertained.

ADMISSION TO ADVANCED STANDING.

Matriculates presenting certificates or diplomas from reputable colleges or from normal schools will be given such credits as the professors directly concerned shall, after consultation with the

Faculty, deem proper, subject to the conditions on which degrees are conferred by this college; and, as far as possible, the student will be saved time in the attainment of the desired degree.

Collegiate credits will not be given *on certificate* for work done in high schools and academies. Matriculates from such schools, who present more than fourteen entrance units, may, with the consent of the professor concerned, take an examination on those subjects for which credit is sought, or the student may be assigned by the professor concerned to an advanced class, and if he successfully completes the higher course, he may be allowed credit, part or in whole, for the lower course. All credits allowed in this manner must be in excess of fourteen entrance units, and on work of collegiate grade.

DEFINITIONS OF THE UNITS IN THE REQUIREMENTS FOR ENTRANCE.

English A. English Grammar and Grammatical Analysis.—The parts of speech with inflections and uses of each; syntax and logical analysis; detailed study of sentence-structure, including capitalization and punctuation. Text-book recommended: Baskevill and Sewell's English Grammar. (One unit.)

English B. Composition and Rhetoric.—The choice, arrangement and connection of words with exercises; the sentence in detail as to unity, coherence and proportion; the paragraph with reference to placing topic, structure for unity, continuity, and emphasis, with abundant exercises in composing good paragraphs. (One unit.)

English C. Literature.—The specimens for reading and study designated for college entrance requirements by the joint committee on collegiate and secondary schools. These required books or their equivalents should be studied throughout the High School course under the guidance of the instructor. Parallel reading should be encouraged and intelligent conversation about books directed.

The college entrance requirements in English for 1909, 1910, 1911 are:

I. For Study and Practice—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation* or Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

II. For Reading. Group 1 (two to be selected)—Shakespeare's *As You Like It*; *Henry V*; *Julius Cæsar*; *The Merchant of Venice*; *Twelfth Night*.

Group 2 (one to be selected)—Bacon's *Essays*; Bunyan's *The Pilgrim's Progress*, Part I; Addison's *Sir Roger de Coverley*; Franklin's *Autobiography*.

Group 3 (one to be selected)—Chaucer's *Prologue*; Spenser's *Færie Queene* (selections); Pope's *The Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (first series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns.

Group 4 (two to be selected)—Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group 5 (two to be selected)—Irving's *Sketch Book* (selections); Lamb's *Essays of Elia*; DeQuincey's *Joan of Arc* and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group 6 (two to be selected)—Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (first series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Lancelot and Elaine*, *The Passing of Arthur*, *Gareth and Lynette*; Browning's *Cavalier Times*, *The Lost Leader*, *How*

They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides. (One unit.)

Mathematics A. Algebra to Quadratic Equations. The four fundamental operations; factoring; highest common factor; lowest common multiple; fractions, simple and complex; ratio and proportion; equations, numerical and literal; problems; radicals, including square root; exponents, fractional and negative. (One unit.)

Mathematics B. Quadratic equations, Progression, and the Binomial Theorem.—Quadratic equations, numerical and literal; equations with one or more unknown quantities; problems depending on quadratic equations; the binomial formula for positive integral exponents; arithmetical and geometrical progression, with applications. (Half unit.)

Mathematics C. Plane Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solutions of original exercises, etc. (One unit.)

Mathematics D. Solid Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solution of original exercises, etc. (Half unit.)

Mathematics E. Plane Trigonometry.—The usual trigonometric functions; solution of trigonometric equations; theory and use of logarithms, etc. (Half unit.)

Latin A. Grammar and Composition.—The study of a standard text-book, with pronunciation; regular forms; cases; tenses; moods; rules, etc. Primer of Roman History. Translations into Latin and easy reading. (One unit.)

Latin B. Cæsar, Four Books.—With a systematic study of Latin grammar; exercises based upon the text read. (One unit.)

Latin C. Cicero, Six Orations.—Grammar work and prose composition based upon the text read. (One unit.)

Latin D. Virgil, Six Books.—Latin versification as shown in the hexameter meter. Grammar work and selected exercises in composition. (One unit.)

History A. General History.—Including a study of feudalism, papacy, Germano-Roman empire; formation of France; Crusades; Renaissance; Protestant Reformation; French Revolution, etc. (One unit.)

History B. Greek and Roman.—Including the geography of the countries studied and the development of the empires; wars; invasions; legends; transitions, etc. (One unit.)

History C. English History, from the early British settlements down to the present. (One unit.)

History D. American History and Civil Government.—From the earliest discoveries and settlements to the present. Special emphasis upon the causes and results of the leading wars. Changes begotten by the Revolution. Political and economic problems; political parties; foreign relations, etc. (One unit.)

Science A. Physiography.—An elementary knowledge of the subjects taught in "Tarr's Elementary Physical Geography," "Maury's Physical Geography," or other text of equal value. (One unit.)

Science B. Elementary Physics.—A knowledge of the subject as taught in Millikan and Gale, Carhart and Chute, or other standard texts. The student's note book of written reports of experiments should be presented, showing acceptance on the part of his teacher. Any one of the standard texts and manuals may be followed. (One unit.)

Science C. Elementary Chemistry.—The candidate for entrance credit should be able to show that he has studied for at least one full session, under a competent teacher, some standard text-book on inorganic chemistry and used a laboratory manual. (One unit.)

Science D. Botany, Zoology and Physiology.—The entrance requirements pre-supposes such sound elementary knowledge of

plants, animals and human physiology, respectively, as may be regarded as representing one-half year's or one whole year's work in each subject from a standard text. Laboratory notebooks should be presented. (Half unit each, or one unit each.)

Science E. Mechanical Drawing.—Projections of geometric figures; changes of position; relative sizes and positions; distances from given points, etc. (Half unit.)

German A. Grammar and Composition.—One full session's work in declensions; conjugations; uses and meanings of articles; pronouns; cases; tenses; moods and general rules of governing arrangement of sentences; word functions; translations into English and German. (One unit.)

German B. Translations.—Reading of from 500 to 600 pages of German, made up of easy stories, plays, prose and poetry. (One unit.)

French A. Grammar and Composition.—One session's work including a mastery of the principles of grammar, regular and irregular verbs. (One unit.)

French B. Translations.—About 500 pages of reading with continued drill in grammar. Exercises in dictation and conversation. Written exercises in French composition. (One unit.)

Spanish. Grammar and Composition, with Translations.—A thorough study of pronunciation. Composition with easy reading. (One unit.)

Greek A. Grammar and Composition.—The common forms, idioms, inflections; syntax; easy translations, etc. (One unit.)

Greek B. Xenophon's Anabasis.—Six books. (One unit.)

Government and Regulations.

REGISTRATION OF STUDENTS.

All applicants who seek admission to the College should assemble in the chapel at 9 o'clock on Thursday, September 21st, when they will be given directions as to how to register and arrange for their courses. In registering, the student should first present himself to the President at his office in the President's house. The candidate seeking admission for the first time should bring with him papers signed by the proper official of the institution last attended, to aid in his registration and classification. If the candidate is free from objection, the President will give him a card permitting him to matriculate, which should be at once presented to the Registrar and Treasurer, in the Treasurer's office in the main college building. Those students who arrive too late to attend the assembly in the chapel should report at once to the President.

The schedule of entrance examinations and the place where they are to be held will be found posted on the official bulletin board in the hall of the main building. All certificates from other institutions should be presented to the Committee on Entrance immediately after registering. Registration of new student is always conditional upon the student's being able to satisfy the entrance requirements.

Students who have formerly attended the college should report as promptly as possible to their advisory professors for assignment to classes. No student will be considered as having completed his registration until he has been regularly assigned to classes.

DELAYED REGISTRATION.

Students will be allowed three days, inclusive of September 21st, to complete their registration. A fee of \$1.50 additional will be charged for all registrations between September 24th and October 4th, and \$2.00 additional for registration after October 4th. A fine of 50 cents will be imposed for each day's delay in reporting for duty after the termination of a vacation during the session.

ADVISORY PROFESSORS.

Each student at the beginning of the session will be assigned to an advisory professor, who will aid him in selecting his classes, and keep a general advisory oversight over his work during the year. A student desiring to change or lessen his courses must always obtain the consent of his advisory professor and a card of withdrawal from the registrar, before doing so.

DISCIPLINE.

The discipline of the college is in the hands of the President and Faculty. Its object is to maintain regularity and order in the institution and to inculcate among the students the spirit of honor and the manners of gentlemen. At William and Mary, the "Honor System" had its beginning, and its spirit still prevails in such force that disorder and ungentlemanly conduct is rare in the student life. When, however, the Faculty finds it necessary to resort to other means of securing the desired end, probation, suspension or expulsion is resorted to, according to the gravity of the offence.

The Faculty believes that it is a duty which they owe to parents to advise and insist upon the withdrawal of all students not profiting by their stay at college; and when a non-resident student is permitted to withdraw, or is dropped from the roll, or is suspended, he must forthwith leave Williamsburg and the vicinity. Until he fulfills this requirement, he remains subject to the authority of the institution and may be

expelled. In every case of discipline by the Faculty, the student's parent or guardian is informed of the action.

Hazing or subjecting the students to any kind of humiliating treatment, using intoxicating liquors, or gambling is strictly forbidden and renders the offender liable to expulsion. Ungentlemanly conduct of any sort, such as swearing or using indecent language, when it comes to the knowledge of the Faculty, will be severely dealt with. Moreover, it is against the laws of the college for students to play cards in their rooms, fraternity-houses or college buildings; to visit pool-rooms; to keep firearms, or to deface or injure the walls, furniture or property of any sort belonging to the college. Nor shall any student go farther than eight miles from the college without the consent of the President, or in his absence, of the Dean.

DROPPING FROM THE ROLL.

A collegiate student who fails at the regular midwinter or spring examinations to pass unconditionally one-third of his hours, will be dropped from the roll of the college, unless the failure is due to continued sickness or some other unavoidable cause. Those who absent themselves from two examinations, except on a physician's certificate, will also be dropped from the roll.

EXAMINATIONS.

Written examinations are held at the end of each term. An examination grade of 75 per cent. or higher, passes a student, provided his class standing and attendance are satisfactory to the professor. Students who pass a course with a grade for the term of from 75 per cent to 83 per cent., will be marked C; those passing with a grade of from 83 per cent. to 90 per cent. will be marked B; and those making from 90 per cent. to 100 per cent. will be marked A. (See also requirements for degrees, pages 50-51):

LIMITATION ON NUMBER OF HOURS TAKEN BY STUDENT.

No student will be permitted to take less than fifteen, nor more than eighteen hours per week, except by special permis-

sion of the faculty. Permission to take more than eighteen hours will not be granted to any one who has made a grade as low as C on half of his previous term's work. In no case will a student receive credit on more than twenty hours in one term.

CREDITS.

The College year consists of two terms, or half sessions, and the courses run one term, though a professor may continue his subject into the second term. Upon satisfactorily completing a course for a term, the student receives credits based upon the number of hours per week in the lecture-room. Three-hour courses, two-hour courses, and one-hour courses are offered, entitling the student who attends them satisfactorily to three credits, two credits, and one credit respectively, except that two laboratory hours give one credit.

REPORTS.

Reports showing the standing of every student in his classes are rendered each month during the session. The attention of parents is called to these reports, and admonition in proper cases should be given by them to their sons, as parental authority is a valuable adjunct to the discipline and success of a college. Each student is assigned to an advisory professor who carefully follows his progress through the session and endeavors by his personal oversight and advice to encourage him in his work and prevent his failure to profit by his classes.

WORK IN ABSENTIA FOR A. B. OR B. S.

Work done at other colleges of reputable standing will be given equivalent credits and after thirty credits are obtained at this or any other college, thirty credits may be done privately. No degree, however, will be granted to any one who has not done thirty credits in residence at this institution.

Expenses.

The expenses of the college are unusually light, since the college fees are small and living in Williamsburg is remarkably cheap. The life of the college, though full of activities in which, if he wishes, the student may take part, is yet free from the expensive habits current at so many of our colleges. This reduction of expenses to the normal students of William and Mary is made possible by the desire of the Commonwealth to develop a body of men trained for and interested in its greatest responsibility—the education of its children. Hence the special conditions that make it possible for the college to offer courses of a high grade of excellence at a minimum cost.

FEES.

The fees of the college are as follows: Matriculation fee, \$5.00; tuition fee, \$40.00; gymnasium fee, \$5.00; medical fee, \$3.00. Of the tuition fee, \$20.00 must be paid on entrance, and \$20.00 on the 1st of February; all other fees must be paid in full on entrance. The tuition fee is not required of those who hold State scholarships. A laboratory fee of \$1.50 will be charged for each course taken in Biology, Chemistry, or Manual Arts.

BOARD.

Board is furnished at the college boarding house, including fuel, lights, laundry, attendance, and use of the furniture in the rooms, at \$12.00 per month for those holding State scholarships.

State students are given the preference at the college boarding department, and should there not be room to accommodate all other students who apply, they can secure board in desirable places in the town at about the same rate as charged at the college.

ROOM RENT.

The charge for room rent at the college dormitories is \$1.00 per month, payable at the beginning of each month.

BOOKS AND LABORATORY FEES.

The cost of books and laboratory fees per session depends somewhat on the classes to which the student is assigned, but will hardly be less than \$15.00, and should not exceed \$30.00.

CONTINGENT FUND.

Every student, on entering, is required to deposit with the treasurer the sum of three dollars, to be entered to his credit as a contingent fund, out of which shall be taken his apportioned share of the cost of any damage, beyond ordinary wear and tear, done to the college property by students. If no such charges are entered against him, the whole amount will be returned at the end of the session. For damage to property, accompanied by bad conduct, the whole contingent deposit may be forfeited.

STATE SCHOLARSHIPS.

The college of William and Mary offers 132 scholarships to young men who wish to prepare themselves to teach in the public schools of Virginia. These appointments can be secured by applying to the superintendents of schools in the counties or cities and entitle the holders to free tuition and board at reduced rates at the college boarding house.

These students are required to take the subjects embraced in one of the Teachers' Courses.

After completing a teachers' course they may apply for one of the college degrees, (A. B.; B. S.; or A. M.,) on the same terms as State students. For full particulars in regard to these scholarships and the Teachers' Courses, see pages 75-79.

MINISTERIAL STUDENTS.

Students furnishing satisfactory evidence of their intention and fitness to enter the ministry are not required to pay tuition fees.

REDUCTIONS.

No reduction of the college fees shall be allowed for any reason and no reduction of board for a period less than a month. This rule applies to absences at Christmas and to sickness, to withdrawal from college, or to dismissal therefrom.

ESTIMATE.

The following is an estimate of the necessary expenses of the students:

For State Students.

Board, including fuel, lights, laundry, attendance, and use of the furniture in the room (payable at the beginning of each month) \$12.00 per month,.....	\$108 00
Room Rent, (\$1.00 payable each month),.....	9 00
Matriculation fee, payable on entrance,.....	5 00
Gymnasium fee, payable on entrance,.....	5 00
Medical fee, payable on entrance,.....	3 00
Contingent fee, returnable if no damage is done,.....	3 00
Estimated laboratory fees,.....	6 00

Total cost per session of nine months,.....\$139 00

Amount payable on entrance,\$29.00 and fees for laboratory courses taken.

For Students Not Holding State Scholarships.

Board, including fuel, lights, laundry, attendance, and use of the furniture in room (payable at beginning of each month, about \$14.00 per month),.....	\$126 00
Room rent, (\$1.00 payable each month),.....	9 00
Tuition fee, half payable on entrance and half February 1st,...	40 00
Matriculation fee, payable on entrance,.....	5 00
Gymnasium fee, payable on entrance,.....	5 00
Medical fee, payable on entrance,.....	3 00
Contingent fee, returnable if no damage is done,.....	3 00
Estimated laboratory fees,.....	6 00

Total cost per session of nine months,.....\$197 00

Amount payable on entrance,\$53.50 and fees for laboratory courses taken.

INCIDENTALS.

We cannot undertake to formulate the exact cost to students for clothing, travel and incidentals. These are governed largely by the habits of each individual. We endeavor to cultivate frugality and to protect the student from temptations. The size of Williamsburg aids materially in this matter by not subjecting the young man to the temptations of a large city. The demands for extra money being small, the parent is advised to furnish only a limited sum.

Honors and Degrees.

COLLEGIATE DEGREES.

The degrees offered are Bachelor of Arts (A. B.), Bachelor of Science (B. S.), and Master of Arts (A. M.). All applicants for these degrees are expected to take fifteen hours a week, unless otherwise permitted by the Faculty.

BACHELOR OF ARTS.

To enter upon the courses leading to A. B., the student must fulfill the requirements as enumerated under "Entrance Requirements."

To attain the degree of Bachelor of Arts, the student must make one hundred and twenty (120) credits, at least sixty of which must be in the higher group. The following eighty (80) credits must be taken by all candidates for A. B.: (1) Latin, 12; (2) English, 14; (3) History, 6; (4) Greek or a Modern Language, 12; (5) Logic, 2; (6) Ethics, 2; (7) Psychology, 6; (8) Mathematics, 6; (9) Economics, 2; (10) Politics, 3; (11) Chemistry and Physics, 10; (12) Biology, 5. Of the forty (40) credits remaining necessary for the degree, twenty (20) shall be taken in Languages, Literature, History and Mathematics.

A graduating thesis is required of all candidates for the degree of Bachelor of Arts.

BACHELOR OF SCIENCE.

The entrance requirement for this degree are enumerated under "Entrance Requirements," on page 34-35.

To attain this degree, the student must make one hundred and twenty (120) credits, at least sixty (60) of which must be in the higher group. The following eighty (80) credits must be taken by all candidates for this degree: (1) English, 8; (2) History, 4; including course IV. in History; (3) A Modern Language, 12; (4) Economics, 2; (5) Politics, 2; (6) Chemistry, 10; (7) Physics, 10; (8) Biologgy, 13; (9) Mathematics, 11; (10) Logic, 2; (11) Psychology, 6.

In addition to the above eighty (80) required credits, the students shall elect forty (40) additional credits; and of these forty (40) credits, twenty (20) shall be *higher group* credits in Biology, Chemistry, Physics and Mathematics.

A graduating thesis is required of all applicants for the degree of Bachelor of Science.

SPECIAL REQUIREMENTS FOR A DEGREE.

The College believes that the recipient of a degree should give evidence of higher ability and scholarship in at least part of his work than is required for a mere pass, and a bachelor's degree will be conferred only on those who have made a grade above C on at least 60 of the 120 credits required for a degree. (See page 44, Examinations.)

MASTER OF ARTS.

The degree of Master of Arts will be conferred upon a student who shall have met the following conditions:

I. (a) He shall have received an A. B. degree from this institution, said degree not to be based upon any catalogue earlier than that of June, 1909; or,

(b) He shall have an A. B. degree from some other institution of equal grade, said degree being subject to the approval of the faculty upon the recommendation of the Degree Committee; or,

(c) He may base his A. M. degree upon the B. S. degree of this institution, provided (1) said B. S. degree is not based upon any catalogue earlier than that of June, 1909, and provided (2)

that said B. S. degree include at least twenty-five higher group credits in languages, literature, history, philosophy, and mathematics.

II. He shall, as a *resident graduate*, complete at least twenty-five hours of work higher than that taken for his A. B. or B. S. degree, subject to the conditions herein named and under the advice of the Degree Committee, who will confer with individual professors offering courses of A. M. grade.

III. He shall make an average of 85 per cent. on at least ten hours of work, and 80 per cent. on the remainder.

IV. No credits shall be carried over from his A. B. or B. S. degree and used for A. M.

V. Not more than eight credits shall be taken in any one subject.

VI. Application for this degree shall be made by October 1st, and must be approved by the Degree Committee.

VII. He must present a thesis showing thorough and painstaking work in one of his major subjects and representing at least 5 credits value, the subject of said thesis to be selected with the advice and consent of the Degree Committee not later than January 15th. All other A. M. degrees hitherto offered are hereby abolished.

COLLEGE SCHOLARSHIPS.

There are various scholarships established in the college. Five of the number, known from their founders—the Corcoran, Soutter, Chancellor, Graves, and Bennett scholarships—are conferred every year in recognition of general merit. They entitle the student to \$40, which is the amount of the tuition fee. There are also two scholarships founded by Mr. R. M. Hughes, of Norfolk; one called the James Barron Hope Scholarship, awarded for the best poem in the college *Magazine*; the other called the Pi Kappa Alpha Scholarship, awarded to some member of the Pi Kappa Alpha fraternity for the best trans-

lation published in the *Magazine*. In addition to these, the Faculty offers a scholarship of the value of the tuition fee (\$40) to each public high school for whites at Hampton, Newport News, Norfolk, Portsmouth, Richmond, Petersburg, Lynchburg, Staunton, Roanoke, and Bristol.

WILLIAM BARTON ROGERS SCHOLARSHIP

This scholarship was established very recently by the Massachusetts Institute of Technology in memory of William Barton Rogers, founder of the Institute, and former student and professor at the college of William and Mary. The value is \$300, and it will be awarded by the Faculty to some student of this institution who shall have taken sufficiently advanced work for entering the Institute of Technology with advantage.

COLLEGE DEPARTMENT.

- | | |
|-------------------------------------|----------------------|
| 1. Economics. | 10. Botany. |
| 2. Political Science. | 11. Agriculture. |
| 3. English Language and Literature. | 12. Zoology. |
| 4. United States History. | 13. Drawing. |
| 5. Mathematics. | 14. Manual Arts. |
| 6. Chemistry. | 15. Physics. |
| 7. Greek. | 16. Philosophy. |
| 8. Modern Languages. | 17. Education. |
| 9. Latin. | 18. General History. |

GROUP OF STUDIES.

The courses of the college are divided into a lower and an higher group. The following courses constitute the lower group:—

Economics, Course I. (see page 55).

English, Courses I., V., XII., XIII., XIV. and XV (see pages 56-57).

History, Courses I. and V. (see pages 70-71).

Mathematics, Courses I., II., III. (see pages 57-58).

Physics, Courses I. and II. (see page 66).

Chemistry, Course I. (see page 58.)

Greek, Courses I. and II. (see page 59).

German, Courses I. and II. (see page 61).

French, Courses I. and II. (see page 160).

Botany, Courses I. and II. (see page 62).

Zoology, Course I. (see page 61).

Drawing, Courses I. and II. (see page 63; Science Degree).

Education, Courses I., II., III., IV., V. (see pages 67-68).

Philosophy, Courses I. and II. (see page 65-66).

Latin, Courses I. and II. (see page 65).

Manual Arts I. and II. (see page 64: Science Degree).

All courses not in the above list are in the higher group.

Announcement of Collegiate Courses.

ECONOMICS.

PROFESSOR TYLER.

Course I.—The study begins with the history of the science and a rapid survey of the field. Then follows a discussion of Value as the subject matter. Next the elements in its production—land, labor and capital. The question of rent, wages, interest, money, taxes, credit are afterwards taken up, and in illustration of these and other usual topics of the science, practical questions of the hour are introduced and discussed. Two hours a week; second term; 2 credits.

POLITICAL SCIENCE.

PROFESSOR TYLER.

Course I.—The study of the American colonial institutions, and of the constitutions and administrative systems of the States and Federal Government, pursued through lectures. Two hours a week; first term; 2 credits.

Course II.—A study of English institutions from the first beginnings to the present time, pursued through text-books and lectures. Two hours a week; first term; 2 credits. (Prerequisite, History III.)

Course III.—*International Law.*—An inquiry into the nature, sources and sanctions of International Law and an outline study of its growth, with emphasis upon its modern development. The application of the law to questions in American history is made a prominent feature. Two hours a week; second term; 2 credits. (Prerequisite, Course I.)

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR HALL.

ASSOCIATE PROFESSOR WILSON.

INSTRUCTOR, W. M. A. BLOXTON.

Course I.—The study of words; words and their ways in English speech; slang; fashion in language; popular etymology; other phenomena of speech. Two hours a week; first term; 2 credits.

Course II.—A study of the world's great epics; *e. g.*, the *Iliad*, the *Æneid*, *Beowulf*, *Paradise Lost*, with parallel reading in each. Essays growing out of the subject. Two hours a week; first term; 2 credits.

Course III.—History of the English language, with text-book and lectures. Research work in the library. Two hours a week; second term; 2 credits.

Course IV.—Analytical study of a play of Shakespeare; parallel reading in Shakespeare and other Elizabethan dramatists. Essays based upon the work in class. Two hours a week; second term; 2 credits.

Course V.—Advanced Rhetoric, with frequent themes and praxis work; metrics. (*Required in all degrees.*) Two hours a week; first term; 2 credits.

Courses VI.-VII.—Anglo-Saxon begun in first term; historical grammar incidentally taught; study of words and history of the language continued. Fifty pages of Anglo-Saxon read in second term. (Prerequisite, Courses I. and III.) Two hours a week; both terms; 4 credits.

Course VIII.—Study of English syntax; syntax of the sentence; of the parts of speech; order of words; problems in sentence-development. Two hours a week; first term; 2 credits.

Course IX.—Historical outline of English accent; morphology of the language. Two hours a week; second term; 2 credits.

Courses X.-XI.—Beowulf* read in full, with notes, and with the professor's exegesis. (Prerequisites, Courses I., III., VI., VII.) Two hours a week; both terms; 4 credits.

Course XII.—A study of the world's great epics, *e. g.*, the *Iliad*, the *Æneid*, *Paradise Lost*, *Beowulf*, with parallel reading in each. Essays based upon the course. Less advanced than Course II. Two hours a week; first term; 2 credits.

Course XIII.—Rapid outline of the history of the English language, with lectures and text-book. Two hours a week; second term; 2 credits.

Course XIV.—Intensive study of a play of Shakespeare, with parallel reading and essays. Two hours a week; second term; 2 credits.

Course XV.—Problems in English grammar; comparison of standard text-books; disputed points in syntax. (*Required of all State students.*) Two hours a week; second term; 2 credits.

Graduates of accredited high schools, with the advice of the professor, usually take four hours a week from Courses I., V., XII., XIII., XIV., and XV.

The English department has to take cognizance of a student's spelling and of his use of English, and inform the Faculty of any noticeable deficiencies in these matters.

MATHEMATICS.

PROFESSOR STUBBS.

ADJUNCT PROFESSOR JOHN TYLER.

Course I.—Plane Trigonometry; two hours a week; first term; 2 credits.

Course II.—Advanced Algebra (Determinants, Theory of Equations, etc.); one hour a week; both terms; 2 credits.

Course III.—Solid Geometry; two hours a week; second term; 2 credits.

*Given if desired.

Course IV.—Analytical Geometry (Plane); three hours a week; first term; 3 credits.

Course V.—Analytical Geometry (Solid); one hour a week; second term; 1 credit.

Course VI.—Spherical Trigonometry; two hours a week; second term; 2 credits.

Course VII.—Differential Calculus; three hours a week; first term; 3 credits.

Course VIII.—Integral Calculus; three hours a week; second term; 3 credits.

Course IX.—Descriptive Geometry; three hours a week; one term; 3 credits.

Course X.—Mechanics; three hours a week; one term; 3 credits.

The last two subjects will be given in alternate years.

CHEMISTRY.

PROFESSOR GARRETT.

INSTRUCTOR, E. R. STUMP.

Course I.—General Inorganic Chemistry, with laboratory work. Descriptive and experimental lectures, recitations and problems; three lectures and two laboratory periods per week; first term; 5 credits.

Course II.—This course is a continuation of Course I., with a brief introduction to Organic Chemistry; three lectures and two laboratory periods per week; second term; 5 credits.

Courses I. II. together give a general survey of the subject of Chemistry, and are required for the degree of Bachelor of Science.

*Courses III and IV.**—Qualitative chemical analysis—(basic and acid); three laboratory periods per week; both terms: 6 credits.

A laboratory fee of \$1.50 is charged in each course in Chemistry.

GREEK.

PROFESSOR BISHOP.

ASSOCIATE PROFESSOR MONTGOMERY.

Courses I. and II.—Burgess and Bonner's *Elementary Greek*. Three hours a week; both terms ; 6 credits.

In Courses I. and II. the chief aim is to equip the student with a thorough and accurate knowledge of the forms, together with an accurate general knowledge of the syntax.

Course III.—Xenophon's *Anabasis*; Hadley-Allen's *Grammar*; Woodruff's *Greek Prose Composition*. Parallel. Three hours a week; first term; 3 credits.

Course IV.—Orations of Lysias (Adams); Hadley-Allen's *Grammar*; Woodruff's *Greek Prose Composition*. Parallel. Three hours a week; second term; 3 credits.

Course V.—Homer's *Iliad* or *Odyssey*; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Capps' "From Homer to Theocritus;" Allinson's *Greek Prose Composition*. Parallel. Three hours a week; first term; 3 credits.

Course VI.—Demosthenes' *Orations* against Philip; Plato's *Euthyphro*; Hadley-Allen's *Grammar*; Goodwin's *Moods and Tenses*; Capps' "From Homer to Theocritus;" Allinson's *Greek Prose Composition*; original exercises based on the parallel. Parallel (Demosthenes). Three hours a week; second term; 3 credits.

*Course IV is the logical continuation of Course III and neither course may be separately counted.

Course VII.—Plato's Apology; Thucydides; Hadley-Allen's Grammar; Goodwin's Moods and Tenses; Fowler's History of Greek Literature; original exercises. Parallel. Three hours a week; first term; 3 credits.

Course VIII.—Euripides' Ion; Sophocles' Oedipus; Aeschylus' Prometheus Bound; Hadley-Allen's Grammar; Goodwin's Moods and Tenses; Fowler's History of Greek Literature; original exercises. Parallel. Metrical written work. Three hours a week; second term; 3 credits.

FRENCH

PROFESSOR BISHOP.

INSTRUCTOR, A. S. HOWE.

Course I.—Elements begun; Fraser and Squair's Grammar; Tour de la France; weekly original exercises; daily written work; continuous drill on essentials. Three hours a week; first term; 3 credits.

Course II.—Fraser and Squair's Grammar continued; exercise work and Grammar drill continued; reading of representative French Prose; brief study of French Literature; parallel reading. Three hours a week; second term; 3 credits.

Course III.—Fraser and Squair's French Grammar; Molière's Bourgeois Gentilhomme; parallel (Molière and Victor Hugo), Kastner and Atkins' History of the French Literature; weekly original exercises based on the lives and writings of the authors studied. Three hours a week; first term; 3 credits.

Course IV.—Fraser and Squair's French Grammar; Corneille's Le Cid; Histoire de Charles XII. (Voltaire); Kastner and Atkins' History of French Literature; weekly original exercises as in Course I. Parallel. Three hours a week; second term; 3 credits.

GERMAN.

PROFESSOR BISHOP.

Course I.—Kayser and Montesper's Course; Glück-Auf; weekly exercises. Three hours a week; first term; 3 credits.

Course II.—Kayser and Montesper's Course; Glück-Auf; In Vaterland; weekly written exercises. Parallel. Three hours a week; second term; 3 credits.

Course III.—Kayser and Montesper's Course; Schiller's Wilhelm Tell or Lessing's Minna von Barnhelm; Thomas' History of the German Literature; weekly original exercises; Whitney and Stroele. Parallel. (Schiller and Heine.) Three hours a week; first term; 3 credits.

Course IV.—Kayser and Montesper's Course; Goethe's Faust, alternating with Reineke Fuchs; Thomas' History of the German Literature; weekly original exercises. Parallel (Goethe and Heine). Three hours a week; second term; 3 credits.

ZOOLOGY.

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

Course I.—Elementary Human Physiology.—The fundamentals of human physiology with the anatomy and histology necessary to a clear understanding of the physiological processes discussed. A knowledge of high school physiology is pre-supposed. Lectures, three hours; laboratory, four hours; first term; 5 credits.

Course II.—Elementary Zoology.—A general course in Zoology, covering the great groups of the animal kingdom as thoroughly as time will permit. Lectures, three hours; laboratory, four hours; second term; 5 credits.

Course III.—Histological Technique.—The preparation of objects for microscopic examination. Laboratory, four hours; first term; two credits. Prerequisite, Zoology I. or Botany I.

Course IV.—Vertebrate Embryology.—Lectures one hour; laboratory, four hours; first term; 3 credits. Prerequisite, Zoology I.

Course V.—Advanced Physiology.—Lectures, two hours; laboratory, four hours; second term; 4 credits. Prerequisite, Zoology I. and one other laboratory course in Biology; Physics I. and II.; Chemistry I. and II. and 60 credits of college work.

A laboratory fee of \$1.50 is charged in each of the above courses.

BOTANY.

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

Course I.—Elementary Botany.—A morphological study of the four great plant groups, along with the basic principles of plant physiology and ecology. Lectures, three hours; laboratory, four hours; second term; 5 credits.

Course II.—Plant Physiology and Agriculture.—This course is intended to give a scientific foundation for the study and teaching of physiological botany and agriculture. Lectures, one hour; laboratory, four hours; second term; 3 credits. Prerequisite, Elementary Chemistry.

Course III.—Morphology of Cryptogams.—Lectures, one hour; laboratory, four hours; first term; 3 credits. Prerequisite, Botany I.

Course IV.—Morphology of Spermatophytes.—Lectures, one hour; laboratory, four hours; second term; 3 credits. Prerequisite, Botany I.

Course V.—Systematic Botany.—Offered as an *in absentia* course. A student who collects and identifies a stipulated number of plants may receive credit for the work done by presenting his collection at the college and giving proof of his ability to use a manual. The course is offered in order that students may use their vacations profitably. Two or three credits will be given, according to the amount of work done.

Course VI.—Bacteriology.—The principles and technique of bacteriology. Laboratory practice with non-pathogenic and pathogenic forms. Lectures, two hours a week; laboratory, four hours a week; first term; four credits. Prerequisite, Zoology I., and one other course in Biology. In this course the lectures may be taken without the laboratory.

Zoology I. and II., and Botany I., II., V. and VI. are given every year, and other biological courses are given in alternate years. During 1911-12, Zoology III., and Botany IV. will be offered.

A laboratory fee of \$1.50 will be charged in each course.

DRAWING.

PROFESSOR CRAWFORD.

ASSISTANT PROFESSOR F. M. CRAWFORD.

Course I.—Mechanical Drawing.—(Laboratory Period.) This course serves as an introduction to the subject. It is devoted chiefly to the principles and practice of the working drawing, and prepares for work in the elementary school. Two hours a week; first term; 2 credits (toward B. S. degree).

Course II.—Blackboard Work.—Rapid blackboard sketching, use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals, and figures. Memory sketches. Mediums, chalk, charcoal and crayon. Two hours a week; second term; 2 credits. Prerequisite, Free-Hand Drawing.

Course III.—Mechanical Drawing.—An advanced course, involving analytical drawing and practical drafting, considered with special reference to the needs of high school work. Two hours a week; first term; 2 credits (toward B. S. degree). (Laboratory Period.) Prerequisite, Drawing I.

Course IV.—Art Appreciation and History.—One hour a week; first term; 1 credit.

Course V.—Continuation of Course IV.—General instruction in the history and principles of art, training of the appreciative faculties, art criticism. Illustration by lantern slides and photographs of the best examples of architecture, painting, sculpture design and handcraft. Parallel reading. One hour a week; second term; 1 credit.*

Courses VI. and VII.—Constructive Design.—An abridged course for the study of the principles of design with special reference to application in Handicraft. Problems are considered from the standpoint of function, structure, material, form and decoration. One laboratory period a week; both terms; 2 credits.

MANUAL ARTS.*

PROFESSOR CRAWFORD.

ASSISTANT PROFESSOR F. M. CRAWFORD.

Courses I. and II.—Wood Working for Secondary Schools.—Shop Work.—Study of materials and methods of instruction. This course aims primarily at a training in the technical processes of wood-working as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made, and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. Two laboratory periods a week; both terms; 4 credits. Prerequisite, Manual Arts C.

Laboratory fee \$1.50 in each course.

* All the courses in Drawing and Manual Arts count towards B. S., but only IV. and V. in this department count towards A. B.

LATIN.

PROFESSOR MONTGOMERY.

INSTRUCTOR, A. S. HOWE.

Courses I. and II.—Six books of *Virgil's Aeneid*. Parallel reading. Latin versification as shown in the hexameter metre. Grammar work and selected exercises in prose composition. Three hours a week; both terms; 6 credits.

Course III.—Books XXI. and XXII. of *Livy*. Parallel reading. Grammar work and prose composition based upon the text read. Three hours a week; first term; 3 credits.

Course IV.—The Odes and Epodes of Horace. Parallel reading. Latin versification as shown in the Horatian metres. Grammar work and selected exercises in prose composition. Three hours a week; second term; 3 credits.

Course V.—The *Germania*, *Agricola*, selections from the *Annals* of Tacitus, and from the *Satires* of Horace, Persius, and Juvenal. Parallel reading upon the history, life, and literature of the early empire. Introduction to Inscriptional, Early and Popular Latin (continued also through Latin VI.) Prose composition work in Gildersleeve-Lodge. Three hours a week; first term; 3 credits.

Course VI.—The *Menaechmi*, *Mostellaria*, and *Miles Gloriosus* of Plautus; the *Andria* and *Self-Tormentor* of Terence; one tragedy of Seneca. Sight reading. Parallel reading upon the Roman stage. Three hours a week; second term; 3 credits.

PSYCHOLOGY AND PHILOSOPHY.

PROFESSOR BENNETT.

ADJUNCT PROFESSOR FERGUSON.

Course I.—Psychology.—General elementary psychology regarded mainly from the physiological and functional viewpoints, with individual and class experiments and educational applica-

tions. Lectures, text and collateral study, experiments and closely related observations at Model School. Three hours a week; first term; 3 credits. Required in fourth year of Teachers' Courses. (Professor Bennett.)

Course II.—Psychology.—Continuation of Course I. Three hours a week; second term; 3 credits. (Professor Bennett.)

Course III.—Genetic Psychology.—A study of the beginnings and development of intellect in animal and child life, the dominant activities at different stages of development and their educational significance. Two hours a week; first term; 2 credits. Courses I. and II. and some biology prerequisite. (Mr. Ferguson.)

Course IV.—Child Study.—Child psychology and physiology with direct reference to practical educational problems of school and home hygiene, fatigue, defects and abnormalities, and the normal unfolding of physical and intellectual powers and instincts with the educational adjustment appropriate thereto. Two hours a week; second term; 2 credits. Courses I. and II. psychology prerequisite. (Mr. Ferguson.)

Course V.—Logic.—Deductive and inductive, with brief historic review and drill in practical application to analysis of arguments in current literature and daily studies. Two hours a week; first term; 2 credits. Courses I. and II. prerequisite. (Mr. Ferguson.)

Course VI.—Ethics.—Brief historic and evolutionary view of ethical theory, leading to a practical study of the applications of the subject to social conditions and daily life. Two hours a week; second term; 2 credits. Courses I and II. prerequisite. (Mr. Ferguson.)

Course VII.—History of Philosophy.—Ancient and Mediæval periods. Traces leading systems of thought in their development and relations to each other and to intellectual, social and political life, with parallel biographical study of great philosophers. Two hours a week; first term; 2 credits. Courses V.

and VI. and three courses of history prerequisite. (Professor Bennett.)

Course VIII.—History of Philosophy.—Modern Period. Continuation of Course VII., with particular reference to present day problems and systems of thought. Two hours a week; second term; 2 credits. (Professor Bennett.)

EDUCATION.

PROFESSOR BENNETT.

ADJUNCT PROFESSOR FERGUSON.

MISS DAVIS.

Course I.—Elements of Management and Method.—A practical introductory course treating of the organization and management of schools, their relation to community life, methods of the recitation and of training pupils to study. Observations at Model School. Three hours a week; first term; 3 credits. Required of all State students who do not offer Education C (Academy) for entrance. (Mr. Ferguson.)

Course II.—Continuation of Course I.—Required with Course I. of all State students who do not offer Education C (see Normal Academy) for entrance. Three hours a week; second term; 3 credits. (Mr. Ferguson.)

Course III.—Principles of Education.—Based on Psychology I. and II., which is prerequisite and applied in the study of general and special methods. Lectures, texts and practical demonstrations. Three hours a week; first term; 3 credits. Required of all State Students. (Professor Bennett.)

Course IV.—School Systems.—A brief survey of the more important ancient and modern national school systems, culminating in a study of the Virginia laws and system. Collateral readings and reports on great educational reformers. (A portion of this term will be devoted to a continuation of Course III.) Three hours a week; second term; 3 credits. Required of all State students. (Professor Bennett.)

Course V.—Practice Teaching.—Preparation of lesson plans and teaching classes in Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students whose practice work is not satisfactory. Required of State students. 3 credits. (Miss Davis.)

Course VI.—School Supervision.—Deals with the larger problems of school organization. Arranged and recommended especially for principals and superintendents. Courses III. and IV. or equivalent study and experience is prerequisite. Two hours a week; second term; 2 credits. (Professor Bennett.)

Course VII.—Moral Education.—Efficient, vigorous, growing moral character considered as the ideal of education and a study of methods of teaching school subjects, class management, school organization, and direct ethical instruction of children, to attain this end. Adapted for teachers, principals and ministerial students. Two hours a week; first term; 2 credits. (Professor Bennett.)

Course VIII.—Philosophy of Education.—A study of psychological, biological and sociological aspects of education. For advanced students. Two hours a week; second term; 2 credits. (Professor Bennett.)

Course IX.—History of Education.—Ancient and Mediæval periods and the Renaissance studied with reference to their meaning in relation to present day education. Three hours a week; first term; 3 credits. General History prerequisite. (Professor Bennett.)

Course X.—History of Education.—Continuation of Course IX. through the modern period with particular attention to recent educational theories. May be taken without IX. Three hours a week; second term; 3 credits. (Professor Bennett.)

Course XI.—Secondary Education.—A practical study of the organization and management of high schools; the curriculum; relating to elementary school and to college; applications of the

psychology of adolescence. Two hours a week; first term; 2 credits. (Mr. Ferguson.)

Course XIII.—Experimental Education.—This course seeks to train students in the recently developed scientific methods of solving educational problems, and to acquaint them with the available literature thereon. Individual and class experiments are conducted with much graphic and statistical work. Two hours a week; first term; 2 credits. (Professor Bennett.)

PHYSICS.

PROFESSOR KEEBLE.

LABORATORY INSTRUCTOR, H. H. FLETCHER.

Course I.—An elementary course devoted chiefly to the study of Mechanics and Heat. Lectures, three hours per week; laboratory, four hours per week; first term; 5 credits.

Course II.—A continuation of Course I.; devoted chiefly to the study of Electricity, Sound and Light. Lectures, three hours per week; laboratory, four hours per week; second term; 5 credits.

No knowledge of physics is presupposed for Courses I. and II., but the student is supposed to have a knowledge of algebra, plane geometry and English composition on entering Course I. Some trigonometry is used in this year, but the necessary amount is taught in class to those who have not studied this branch of mathematics. Text: Millikan and Gale's First Course in Physics, supplemented by a considerable amount of work of a more advanced character.

Course III.—Mechanics and Heat.—A more advanced course than Physics I. Lectures, three hours per week; laboratory, four hours per week; first term; 5 credits. Prerequisites, Courses I. and II. and Plane Trigonometry.

Course IV.—Electricity, Sound, and Light.—Lectures, three hours per week; laboratory, four hours per week; second term;

5 credits. Text: Millikan and Mill's Electricity, Sound and Light. Prerequisite, Course III.

The laboratory equipment for this course is good, consisting of a storage battery of twenty cells, magnetometers, accurate ammeters and voltmeters, high grade galvanometers, standard resistance boxes and Wheatstone bridges, a standard condenser, a good X-ray outfit, reading telescopes, a first class spectrometer, polariscope, gratings, etc.

ASTRONOMY.

Prerequisite, Physics I and II and Trigonometry, 3 credits First term.

HISTORY.

PROFESSOR WILSON.

PROFESSOR TYLER.

Course I.—Greece and Rome; text-book, lectures, and parallel reading. Assigned work in library. Three hours a week; first term; 3 credits. (Professor Wilson.)

Course II.—Western Europe: Middle Ages and Development of Modern Europe. Text-book, lectures and parallel reading. Special topics for investigation. Three hours a week; second term; 3 credits. (Professor Wilson.)

Course III.—History of England. Text-book, lectures and parallel reading. (Courses I. and II. prerequisite.) Two hours a week; first term; 2 credits. (Professor Wilson.)

Course IV.—History of the United States, advanced course. A general study from the Revolutionary era to the present, with special emphasis upon leading questions, such as education before and after the Revolution; Rise and Fall of Parties; the Bank Question; the Tariff Question; Internal Improvements; Territorial Annexation; Beginning, Growth, and Fall of Slavery;

State Rights and Secession. Two hours a week; second term; 2 credits. (Professor Tyler.)

Course V.—American History. An outline course in the study of the founding, development and growth of the United States. Text-book, lectures and parallel reading. Special reading in the library and investigations of individual subjects will be assigned. Three hours a week; second term; 3 credits. (Professor Wilson.)

Course VI.—The Age of Elizabeth. Text-books, lectures and parallel reading. An advanced course with detailed study. (Prerequisite, Course III.) Two hours; first term; 2 credits. (Given in 1910-'11. Alternates with Course VIII. (Professor Wilson.)

Course VII.—Period of Renaissance and Reformation. Text-books, lectures and parallel reading. Advanced course for detailed study. (Prerequisite, Courses I. and II.) Two hours; second term; 2 credits. (Professor Wilson.)

Course VIII.—Europe since 1815. Text-books, lectures and library investigations. Study of modern European governments. (Prerequisite, Courses I and II.) Two hours; first term; 2 credits. (Given in 1911-'12.) Alternates with Course VI. (Professor Wilson.)

PART III.

DEPARTMENT OF NORMAL TRAINING

REGISTER OF NORMAL STUDENTS

APPOINTMENT OF STATE STUDENTS

DIPLOMAS AND CERTIFICATES

COMMITTEE ON RECOMMENDATIONS

COURSES FOR TEACHERS

OBSERVATION AND PRACTICE SCHOOL

Register of Normal Students.

1910-1911.

Abrahams, W. R.,	Fugate, R. E.,	Lloyd, M.,
Addison, W. S.,	Gale, J. B.,	Lowenback, M.,
Agee, K. A.,	Garland, A. L.,	Metcalf, W. C.,
Armistead, C. C.,	Garth, B. A.,	Mitchell, R. V.
Arnold, G. P.,	Gillions, D. L.,	Montgomery, S. J.,
Barnes, J. F.,	Graefe, A. M.,	MacGuffin, E. B.,
Beale, A. F.,	Graves, C. C.,	Neale, T. S.,
Bing, B. E.,	Graves, F. E.,	Nidermaier, J. O.,
Blackwell, R. B.,	Greenawalt, C. M.,	Oliver, H. L.,
Blackwell, H. H.,	Griggs, D. M.,	Powers, H. W.,
Borkey, A. V.,	Gresham, S. O.,	Presson, J. M.,
Borkey, M. L.,	Hamilton, H. R.,	Prillaman, R. A.,
Brannon, G. W.,	Hamlin, C. H.,	Rock, A. J.,
Brinkley, H. W.,	Harris, H. L.,	Rocke, L. B.,
Bristow, F. M.,	Harrison, W. M.,	Scheie, L. E.,
Brown, W. T.,	Healy, J. H.,	Self, L. L.,
Bunting, J. W.,	Hicks, W. T.,	Slater, W. B.,
Burch, R. E.,	Hillman, L. M.,	Smith, R. G.,
Capps, J. E.,	Hite, J. M.,	Smith, C. H.,
Carmines, D. H.,	Hitt, H. H.,	Smith, W.,
Carter, H. L.,	Holloway, J.,	Snow, C. C.,
Cato, J. H.,	Hopkins, W. L.,	Somers, V. L.,
Charles, B. C.,	Horne, J. R.,	Somers, W. E.,
Clary, R. A.,	Hoskins, J. H.,	Stanley, I. J.,
Clary, H. V.,	Hubbard, S. H.,	Stephens, J. W.,
Clay, M. D.,	Jackson, J. W.,	Taylor, J. E.,
Clements, J. D.,	Jenkins, F. F.,	Tucker, A. P.,
Cooper, A. C.,	Jennings, C.,	Tucker, J. L.,
Cox, S. W.,	Johnson, M. K.,	Turner, H. A.,
Crockett, C. C.,	Jones, J. E.,	Vaden, H. W.,
Dameron, W. R.,	Jones, E. C.,	Walker, R. H.,
Deel, W. O.,	Lackey, H. H.,	Warburton, R. C.,
Deierhoi, W. H.,	Larkin, G.,	Wilkinson, F. B.,
Derflinger, J. W.,	Leach, E. A.,	Wilkinson, T. E.,
Echols, F. L.,	Leatherbury, A. P.,	Wilson, P. A.,
Ellis, G. T.,	Lee, W. B.,	Winsbro, W.,
Farthing, E. P.,	Leigh, A. L.,	Wyant, H. W.,
Forrest, A. S.,	Lewis, P. G.,	Zehmer, G. B.,

The William and Mary System of Normal Training.

The State maintains at William and Mary a system of Normal instruction and Training, comprising:

1. The Observation and Practice school, consisting of four grades of school work, correlated with the public school, for practice teaching.

2. The Normal Academy, consisting of the first three years of the Teacher's Courses.

3. The college as correlated with the Normal Academy; (a) *continuing through two years of prescribed work the Teacher's Courses leading to the Teachers' Diploma*; and (b) offering six (6) full courses in Education and Normal Training *beyond the work for the Teachers' Diploma*.

The Observation and Practice School is correlated with the public school of Williamsburg and affords opportunity to the normal students for observation of the working out of daily school problems and of practice teaching under expert supervision.

The Normal Academy consists of three years of academic and normal instruction which correlated with and continued by the two years of outlined academic and normal work in the College, make up the five years of the Teachers' Courses leading to the Teachers' Diploma.

The College, as correlated with the Academy, includes these last two years of the Teachers' courses. Under the provisions of the State charter all the regular academic courses of the college are also open to State students of college grade. Two more years are usually required beyond the Teachers' Diploma to complete the work for the degree of Bachelor of Arts or Science, but classes in Education and Normal Training may be continued throughout all courses and for all degrees.

Appointment of State Students,

EVERY SUPERINTENDENT OF SCHOOLS in the State is empowered by law to nominate as many students as his county or city has representatives in the House of Delegates, provided that every county or city shall be entitled to at least one student. The nomination must contain an endorsement by the Superintendent as to the moral character, ability, age, and the general fitness of the applicant to profit by a course of instruction in the college.

UNDER THE PROVISIONS OF THE LAW requiring the Board of Visitors to prescribe rules for the examination and selection of the pupils applying for instruction as teachers, all persons nominated by the Superintendents are required to pass a satisfactory examination before the Faculty on the common school branches. As the scholarships are granted for the purpose of qualifying young men to teach in the public schools, they may at any time be forfeited by negligence, disorderly conduct, or failure to make proper progress, or for any other reason justifying the Faculty in concluding that the student cannot be safely trusted with a school. They are special privileges which must be deserved, and may not be enjoyed by the incompetent.

SUPERINTENDENTS OF SCHOOLS are asked to nominate all proper applicants, without reference to whether the quota is supplied or not. The Board of Visitors is required by law to fill from the State at large all vacancies, and they wish to have as many young men as possible to enjoy the advantages offered by the college.

SUPERINTENDENTS OF SCHOOLS, however, should take care not to give a recommendation to any applicant who is not efficiently prepared on the common school branches, and who is not honestly determined to fulfill his pledge to the State.

ALL STATE STUDENTS are required to sign the following pledge:

In consideration of receipt from the State of Virginia of Free Tuition in the Teachers' Courses and other advantages incident to appointment as a State student of the College of William and Mary, and

In compliance with the requirements of law, I hereby pledge myself to teach in the public schools of Virginia for a period of two years.

Witness my hand,

.....

EXPENSES OF STUDENTS HOLDING STATE SCHOLARSHIPS.

The following is an estimate of the necessary expenses of one holding a State scholarship:

Board, including fuel, lights, laundry, attendance, and use of the furniture in the room (payable at the beginning of each month), \$12.00 per month,	\$108 00
Room rent (\$1.00 payable each month),.....	9 00
Matriculation fee, payable on entrance,.....	5 00
Gymnasium fee, payable on entrance,.....	5 00
Medical fee, payable on entrance,.....	3 00
Contingent fee, payable on entrance and returned if no damage is done	3 00
Estimated laboratory fees,	6 00

Total cost per session of nine months,.....	\$139 00
Amount to be paid on entrance,	\$29.00 and fees for laboratory courses taken.

Diplomas and Certificates.

THE TEACHERS' DIPLOMA.

The satisfactory completion of one of the Teachers' Courses entitles the student to a *Teachers' Diploma*, upon which will be granted a *State Professional Certificate* good for seven years and "renewable from time to time for a similar period on evidence satisfactory to the State board that the graduate has been a successful teacher and has satisfactorily completed the reading course prescribed by the State Board of Examiners."

All work of collegiate grade done in securing a *Teachers' Diploma* will be allowed full credit toward college degrees, and the special privileges of State students will be continued during the pursuance of such higher courses (see page 47.)

CERTIFICATE OF GRADUATION.

Any student who has met the requirements for the Teacher's Diploma and a bachelor's degree, and shall have received ten higher credits in Education, shall receive a Certificate of Graduation in Education.

Bureau of Recommendations.

The college maintains a bureau, composed of a committee of the Faculty, to help alumni and students to find positions as teachers. Practically all the graduates of the normal department and holders of Teachers' Diplomas are placed in good positions. The policy of the bureau is to assist good teachers to promotion as well as to secure places for students just beginning to teach. Applications for teachers or for promotions should be made to H. L. Bridges, Registrar of the College.

Outline of Teachers' Courses.

The courses of the first three years outlined below are maintained primarily for those who are preparing to teach. No student who fails to maintain a high standard of character and scholarship will be retained in these courses. All students below college grade will be required to take the outlined work of the Teachers' Courses.

LANGUAGE AND HISTORY COURSE.

First Year.

First Term.	Per Week.	Second Term.	Per Week.
English (A)	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithme- tic and Algebra	5 hrs.	Mathematics (A), Arithme- tic and Algebra	5 hrs.
Latin (A), (Beginning)...	5 hrs.	Latin (A) continued.....	5 hrs.
Physical Geography (Ed. A.)	3 hrs.	Physical Geography (Ed. A.) continued	3 hrs.
Drawing (A)	2 hrs.	Drawing (A)	2 hrs.
	<hr/> 20 hrs.		<hr/> 20 hrs.

Second Year.

English (B)	4 hrs.	English (B) continued....	4 hrs.
Mathematics (B), Algebra. .	4 hrs.	Mathematics (B), Algebra and Plane Geometry.....	4 hrs.
Latin (B), Grammar Re- viewed—Cæsar	4 hrs.	Latin (B) continued— Cæsar	4 hrs.
Civics and Virginia His- tory	3 hrs.	Civics and Virginia His- tory	3 hrs.
Manual Arts (B)	2 hrs.	Manual Arts (B)	2 hrs.
Sanitation and Botany.....	2 hrs.	Sanitation and Botany....	2 hrs.
	<hr/> 19 hrs.		<hr/> 19 hrs.

Third Year.

English (C)	4 hrs.	English (C) continued....	4 hrs.
Mathematics (C) Plane		Mathematics (C) continued	
Geometry and Algebra	3 hrs.	—Plane Geometry.....	3 hrs.
Latin (C) cont'd—Cicero...	4 hrs.	Latin (C), Cicero	4 hrs.
General History (C).....	4 hrs.	General History (C) con-	
Education (C)	3 hrs.	tinued	4 hrs.
Music	1 hr.	Education (C) continued.	3 hrs.
		Music	1 hr.

19 hrs.

19 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

Fourth Year—First Collegiate Year.

English V.	2 hrs.	English XIV.	2 hrs.
Mathematics I., Plane Trig-		Mathematics III., Solid Ge-	
onometry	2 hrs.	ometry	2 hrs.
Psychology I.	3 hrs.	Psychology II.	3 hrs.
Physics I.	5 hrs.	History V., American His-	
		tory	3 hrs.
		Drawing II.	2 hrs.

12 hrs.

12 hrs.

Electives—Choose 4 hours:

Electives—Choose 4 hours:

Latin I., Virgil.....	3 hrs.	Latin II., Virgil	3 hrs.
Mathematics II., Ad-		Mathematics II., Ad-	
vanced Algebra	1 hr.	vanced Algebra	1 hr.
History I.	3 hrs.	History II.	3 hrs.
English	2 hrs.	English	2 hrs.
German I.	3 hrs.	German II.	3 hrs.
French I.	3 hrs.	French II.	3 hrs.
		Physics II.	5 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

Fifth Year—Second Collegiate Year.

English I.	2 hrs.	English XIII.	2 hrs.
Education III.	3 hrs.	History IV.	2 hrs.
Physiology (Zoology I.)..	5 hrs.	Education IV.	3 hrs.
Political Science I.....	2 hrs.		

12 hrs.

7 hrs.

Electives—Choose 4 hours:

Electives—Choose 9 hours:

Latin III.	3 hrs.	Latin IV.	3 hrs.
English	2 hrs.	English	2 hrs.
German I. or III.	3 hrs.	German II. or IV.....	3 hrs.
French I. or III.....	3 hrs.	French II. or IV.....	3 hrs.
History III.	2 hrs.	Mathematics V. and VI.	2 hrs.
Mathematics IV.	3 hrs.		

Education V., Practice Teaching, is required of students in this year.

General Requirements—(a) Sixty-four hours are required in the last two years. (b) At least fifteen hours are required each term.

SCIENCE COURSE.

The first and second years of this course are the same as the first and second years of the Language and History Course.

Third Year.

First Term.

English (C)	4 hrs.
Mathematics (C) Plane Ge-	
ometry and Algebra....	3 hrs.
Drawing (C), Mechanical	
Drawing	2 hrs.
General History (C)	4 hrs.
Education (C)	3 hrs.
Music	1 hr.
	<hr/>
	17 hrs.

Second Term.

English (C) continued....	4 hrs.
Mathematics (C) contin-	
ued—Plane Geometry..	3 hrs.
Drawing (C)	2 hrs.
General History (C) con-	
tinued	4 hrs.
Education (C) continued	3 hrs.
Music	1 hr.
	<hr/>
	17 hrs.

Elect one course:—

Chemistry (C) Elementary...	3 hrs.	Chemistry (C)	3 hrs.
German (C)	3 hrs.	German (C)	3 hrs.
French (C)	3 hrs.	French (C)	3 hrs.
Woodworking (C)	2 hrs.	Woodworking (C)	2 hrs.

Fourth Year—First Collegiate Year.

English V.	2 hrs.	English XIV.	2 hrs.
Mathematics I. Plane		Mathematics III., Solid Ge-	
Trigonometry	2 hrs.	ometry	2 hrs.
Psychology I.	3 hrs.	Psychology II.,	3 hrs.
Physics I.	5 hrs.	Physics II.	5 hrs.
Woodworking (Manual		Woodworking (Manual	
Arts I.)	2 hrs.	Arts II.)	2 hrs.
	<hr/>		<hr/>
	14 hrs.		14 hrs.

Electives—Choose 2 hours:

Mathematics II. (Ad-	
vanced Algebra).....	1 hr.
Chemistry I.	5 hrs.
German I.	3 hrs.
French I.	3 hrs.
History I.	3 hrs.

Electives—Choose 2 hours:

Mathematics II. (Ad-	
vanced Algebra).....	1 hr.
Chemistry II.	5 hrs.
German II.	3 hrs.
French II.	3 hrs.
History V., American	
History	3 hrs.
Drawing III. (Mechani-	
cal Drawing)	2 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

Fifth Year—Second Collegiate Year.

Physiology (Zoology I.)... 5 hrs.	Botany I. 5 hrs.
Chemistry I. (if not elected fourth year) 5 hrs.	Chemistry II. (if not elect- ed fourth year) 5 hrs.
Education III. 3 hrs.	Education IV. 3 hrs.
13 hrs.	13 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

Electives—Choose 3 hours:

Physics III. 5 hrs.
Chemistry III. 3 hrs.
Mathematics IV. 3 hrs.
German I. or III. 3 hrs.
French I. or III. 3 hrs.
Political Science I. 2 hrs.
History III. 2 hrs.
English 2 hrs.
Botany VI. 4 hrs.

Electives—Choose 3 hours:

Physics IV. 5 hrs.
Chemistry IV. 3 hrs.
Zoology II. 5 hrs.
Mathematics V. and VI. 3 hrs.
German II. or IV. 3 hrs.
French II. or IV. 3 hrs.
History IV. 2 hrs.
English 2 hrs.

Education V., Practice Teaching, is required of students in this year.

General Requirements—(a) Sixty-four hours are required in the last two years. (b) At least fifteen hours are required each term.

Description in Detail of the Teachers' Courses.

FIRST YEAR.—*The same in both courses.*

Mathematics (A).—Arithmetic and Algebra; the former in full, the latter to quadratic equations. Five hours a week, both terms.

English (A).—The fundamentals of English Grammar, punctuation, sentence structure, weekly compositions, elementary rhetoric, short course in English or American Literature. Five hours a week, both terms.

Latin (A).—Latin begun; the second book of Cæsar begun in latter part of second term. Five hours a week, both terms.

Physical Geography (Education A).—Studied both for its own content and as a correlation center for a review of political geography, and for individual training in orthography and in the skilful use of library and reference books. Systematic meteorological observations are made, tabulated and graphed, field excursions, laboratory experiments, sand tables, and relief map work. Frequent written exercises. It is the aim of this course to discover individual deficiencies in elementary training of students, and to remedy these in close co-operation with other departments of the college. Required of all students holding State scholarships, unless proficiency is evident upon examination. Three hours a week, both terms.

Drawing (A).—Freehand drawing; simple line sketching; drawing from nature, still life, casts and figures; principles of perspective and elementary colors; line composition; designing for simple forms of handicraft; laboratory work. Two hours a week, both terms.

SECOND YEAR.—*The same in both courses.*

Mathematics (B).—First term, Algebra; second term, Algebra, through quadratics, progressions, logarithms, binomial theorem; plane geometry begun. Four hours a week, both terms.

English (B).—English Grammar continued; weekly compositions; fundamental principles of rhetoric; courses in either English or American Literature. Four hours a week, both terms.

Latin (B).—Rapid review of Grammar; Cæsar; prose composition; systematic Grammar study. Four hours a week, both terms.

Manual Arts (B).—Hand work for the primary grades in the public schools; basketry, weaving, pottery, and construction in paper, card board, bent iron and wood. Two laboratory periods a week, both terms.

Civics and Virginia History.—A study of the political institutions of the State of Virginia and of the Federal Union. Three hours a week; both terms.

Sanitation.—Study of the elementary principles of Bacteriology, infectious diseases and preventive methods. Botany—Plant structure, nutrition and reproduction; plant classification. Two hours a week; both terms.

THIRD YEAR.—*Language and History Course.*

Mathematics (C).—First term, plane geometry; second term, plane geometry and a review of special topics in Algebra. Three hours a week, both terms.

English (C).—An advanced course in English grammar, with discussion of text-books on the public school lists of Virginia; rhetoric; either American or English Literature; course in Shakespeare. Four hours a week, both terms.

Latin (C).—Cicero, six orations; prose composition work, based on text read; systematic study of grammar. Four hours a week, both terms.

History (C).—General History; outlines of General History; study of Ancient, mediæval and Modern History. Four hours a week, both terms.

Education (C).—Principles and methods of teaching; lectures, text and collateral studies, with closely related observations

at the Practice School, and written reports and oral discussions thereof. Some attention given in the second term to problems of management in small schools. Required of all students holding State scholarships. Three hours a week, both terms.

Vocal Music.—Fundamental principles; rote singing. One hour a week, both terms.

Physical Culture.—Exercises in free calisthenics; chest weights; heavy gymnastics; exercises in fancy marching; Indian club swinging; group games.

Science Course. (Third Year.)

The third year of the Science Course is the same as the third year of the Language and History Course, except that instead of Latin the student will take the following four courses:

Chemistry.—An elementary course, prerequisite for the course in Agriculture, which follows in the last half of the year. Three hours a week, first term.

Mechanical Drawing.—This course serves as an introduction to the subject, and is devoted to the principles and practice of the working drawing. Two hours a week, first term.

Agriculture.—Agriculture and Plant Physiology, a course covering the general principles of soil fertility and plant nutrition. Experimental work in laboratory and greenhouse. Intended primarily as a preparation for the teaching of Agriculture. Prerequisite, an elementary knowledge of chemistry. Three hours a week, second term.

Drawing (c).—Rapid blackboard sketching, use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals and figures; memory sketches. Mediums, chalk, charcoal and crayon. Two hours a week, second term.

Fourth and Fifth Years.

The fourth and fifth years of the work in the Teachers' Courses are made up from the following courses in the various departments of the college, the order in which they are given being found in the schedule of courses on pages 79--81. These courses have credit value toward the Bachelor of Arts or Bachelor of Science degree.

English.

Course V.—Rhetoric: Description, Exposition, Narration, Argumentation, with frequent themes. Required in the Language and History Course and in the Science Course. Two hours a week; first term; 2 credits.

Course I.—The study of words. The poetry, history, moral lessons in words. Required in Language and History Course. Two hours a week; first term; 2 credits.

Course XIV.—Analytical study of one of Shakespeare's plays, with parallel reading and essays. Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

Course XIII.—History of the English Language. History of the language from Anglo-Saxon times to the present. Disputed questions in English, origin of cases, tenses, moods, etc. Required in the Language and History Course. Two hours a week; second term; 2 credits.

In the fourth and fifth years of the Language and History Course more English may be elected.

Latin.

Latin I and II.—Virgil. Six books of Virgil's Aeneid. Parallel reading. Latin versification as shown in the hexameter meter. Grammar work and selected exercises in prose composition. Elective in the Language and History Course. Three hours a week; both terms; 6 credits.

Latin III.—Books XXI. and XXII. of Livy. Parallel reading. Grammar work and prose composition based upon the text read. Elective in the Language and History Course. Three hours a week; first term; 3 credits.

Latin IV.—The Odes and Epodes of Horace. Parallel reading. Latin versification as shown in the Horatian meters. Grammar work and selected exercises in prose composition. Elective in the Language and History Course. Three hours a week; second term; 3 credits.

German.

Course I.—Kayser and Monteser's Course; weekly written exercises. Elective in the Language and History Course and in the Science Course. Three hours a week; first term; 3 credits.

Course II.—Kayser and Monteser's Course; Glück-Auf; weekly written exercises; parallel. Elective in the Language and History Course and in the Science Course. Three hours a week; second term; 3 credits.

Course III.—Kayser and Monteser's Course; Schiller's Wilhelm Tell; Lessing's Minna Von Barnhelm; Moore's History of German Literature; weekly original exercises; parallel (Schiller and Heine). Elective in the Language and History Course and in the Science course. Three hours a week; first term; 3 credits.

Course IV.—Kayser and Monteser's Course; Goethe's Faust, alternating Reineke Fuchs; Moore's History of German Literature; weekly original exercises; parallel (Goethe and Heine). Elective in the Language and History Course and in the Science Course. Three hours a week; second term; 3 credits.

French.

Course I.—Elements begun; Fraser and Squair's Grammar; La Tour de la France; weekly original exercises; daily written work; continuous drill on essentials. Elective in the Language and History Course and in the Science Course. Three hours a week; first term; 3 credits.

Course II.—Fraser and Squair's Grammar continued; exercise work and Grammar drill continued; reading of representative French prose; brief study of French Literature; parallel reading. Elective in the Language and History Course and in the Science Course. Three hours a week; second term; 3 credits.

Course III.—Fraser and Squair's French Grammar; Molière's *Bourgeois*; *Gentilhomme*; parallel (Molière and Victor Hugo); Kastner and Atkins' History of French Literature; weekly original exercises based on the lives and writings of the authors studied. Elective in the Language and History Course and in the Science Course. Three hours a week; first term; 3 credits.

Course IV.—Fraser and Squair's French Grammar; Corneille's *Le Cid*; *Historie de Charles XII.* (Voltaire); Kastner and Atkins' History of French Literature; weekly original exercises as in Course III. Parallel. Elective in the Language and History Course and in the Science Course. Three hours a week; second term; 3 credits.

Mathematics.

Course I.—*Plane Trigonometry.*—Required in the Language and History Course and in the Science Course. Two hours a week; first term; 2 credits.

Course II.—*Advanced Algebra.*—Elective in the Language and History Course and in the Science Course. One hour a week, both terms; 2 credits.

Course III.—*Solid Geometry.*—Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

Course IV.—*Plane Analytic Geometry.*—Elective in Language and History Course and in Science Course. Three hours a week; first term; 3 credits.

Course V.—*Solid Analytic Geometry.*—Elective in the Language and History Course and in the Science Course. One hour a week; second term; 1 credit.

Course VI.—Spherical Trigonometry.—Elective in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

Zoology.

Course I.—Elementary Human Physiology.—The fundamentals of human physiology, with the anatomy and histology necessary to a clear understanding of the physiological processes discussed. A knowledge of high school physiology is presupposed. Required in the Language and History Course and in the Science Course. Lectures 3 hours; laboratory 4 hours; first term; 5 credits.

Course II.—Elementary Zoology.—A general course in Zoology covering the great groups of the animal kingdom as thoroughly as time will permit. Elective in the Science Course; lectures three hours; laboratory four hours a week; second term; 5 credits.

Botany.

Course I.—Elementary Botany.—A morphological study of the four great plant groups along with the basic principles of plant physiology and ecology. Elective in the Language and History Course; required in the Science course; lectures three hours; laboratory four hours a week; second term; 5 credits.

Course VI.—Bacteriology.—The principles and technique of bacteriology; laboratory practice with pathogenic and non-pathogenic forms. Elective in the Science Course; lectures two hours; laboratory four hours a week; first term; 4 credits.

Chemistry.

Course I.—General Inorganic Chemistry.—Descriptive and experimental lectures, recitations and problems; laboratory work. Required in the Science Course. Lectures three hours; laboratory four hours a week; first term; 5 credits.

Course II.—A continuation of Course I. with the addition of a brief introduction to Organic Chemistry. Required in the Science Course. Lectures three hours; laboratory four hours per week; second term; 5 credits.

An additional year of Chemistry may be elected in the Science Course.

Physics.

Course I.—*An Elementary Course—Mechanics and Heat.*—Prerequisite a working knowledge of Algebra and Plane Geometry and English Composition. No knowledge of Physics is presupposed. The text used is Millikan and Gale's First Course in Physics. Required in the Language and History Course, and the Science Course. Lectures three hours, and laboratory four hours a week. First term; 5 credits.

Course II.—A continuation of Course I. *Electricity, Sound and Light.* Lectures three hours, and laboratory four hours a week. Elective in the Language and History Course. Required in the Science Course. Second term; 5 credits.

An additional year of Physics may be elected in the Science Course.

Drawing and Manual Arts.

Course I.—*Mechanical Drawing.*—This course serves as an introduction to the subject. It is devoted chiefly to the principles and practice of the working drawing, and prepares for work in the elementary school. Required in the Science Course. Two hours a week; first term; 2 credits (toward the B. S. degree).

Course II.—*Blackboard Work.*—Rapid blackboard sketching; use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals and figures. Mediums, chalk, charcoal, and crayon. Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits (toward B. S. degree).

Course III.—*Mechanical Drawing.*—An advanced course, involving analytical drawing and practice drafting, considered with

reference to the needs of the high school. Elective in the Science Course. Two hours a week; first term; 2 credits (toward the B. S. degree).

Manual Arts I. and II.—Woodworking.—For elementary and secondary schools; shop work; study of materials and methods of instruction. This course aims primarily at a training in the technical processes of woodworking as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. Required in the Science Course. Two laboratory periods a week, both terms; 4 credits (toward a B. S. degree).

History.

History I.—History of Greece and Rome, with text-book and lectures. Parallel reading. Assigned work in library. Elective in Language and History Course and in the Science Course. Three hours a week, first term; 3 credits.

History III.—History of England; advanced course, with text-book and lectures. Parallel reading. Elective in the Language and History Course and in the Science Course. Two hours per week, first term; 2 credits.

History IV.—History of the United States, advanced course. A general study from the Revolutionary period to the present, with special emphasis on leading questions, such as Education Before and After the Revolution; Rise and Fall of Parties; the Bank Question; Internal Improvements; Territorial Annexations; Beginning, Growth and Fall of Slavery; States Rights and Secession. Required in the Language and History Course; elective in the Science Course. Two hours per week, second term; 2 credits (President Tyler.)

History V.—Outline course in American History. Required in fourth year of the Language and History Course; elective in

the Science Course. Three hours per week, second term; 3 credits.

Political Science.

Course I.—The study of the American colonial institutions and of the constitutions and administrative systems of the States of the Federal Government. Pursued through lectures. Required in the Language and History Course; elective in the Science Course. Two hours a week, first term; 2 credits.

Psychology and Education.

Education I and II.—Psychology.—General elementary psychology, with class and individual experiments. Same as Course I. and II. Philosophy, with the addition of closely related observation visits to the Practice School and studies of practical application of psychological principles in teaching. Required in the Language and History Course and in the Science Course. Three hours a week, both terms; 3 credits per term or 6 credits.

Education III.—School Systems.—A brief historic survey of the more important ancient and modern systems, culminating in a study of the Virginia system. Collateral study of great educational reformers. Required in the Language and History Course and in the Science Course. Three hours a week, first term; 3 credits.

Education IV.—School Management.—Problems and principles of class-room management, grading, records, reports, duties of principals, relations to pupils, patrons; superintendents, boards and communities. Lectures, Virginia School Law and other texts, actual use of blanks, collateral reading and studies in Practice School. Required in the Language and History Course and in the Science Course. Three hours a week, second term; 3 credits.

Education V.—Practice Teaching.—Preparation of lesson plans and teaching classes in the Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students

whose practice work is not satisfactory. Required in fifth year of all students holding State scholarships. 3 credits.

Other professional courses for teachers that are offered are Courses III. and IV. in Philosophy, and VI., VII., VIII, IX. and X. in Education. A full account of these will be found on pages 66-67.

Observation and Practice School.

HENRY EASTMAN BENNETT,
Supervisor.

NANNIE CARRINGTON DAVIS,
Principal.

ELIZABETH ADAMS MORECOCK,
LAURA MOOR STILLWELL,
MARY HENLEY SPENCER.
Assistants.

MARGARET MURPHY,
Teacher in Kindergarten.

The Observation and Practice School consists of the first four grades of a grammar school, correlated with the public school of Williamsburg. It affords to the student-teachers the best practicable model of organization and instruction in a school of this class. Throughout the Teachers' Courses the students are kept in close touch with the working out of educational problems at the school, and formal reports are required during the third and fourth years of these courses. Practice teaching, under careful supervision, is required in the fifth year of the Teachers' Courses.

The buildings occupied by these schools are on separate grounds from those of the college campus, the Training School being upon the site of the colonial governor's palace, surrounded by attractive grounds for the children to play in.

Number of pupils in the Observation and Practice School,
139.

PART IV.

DEPARTMENT OF PHYSICAL CULTURE
COLLEGE SOCIETIES AND PUBLICATIONS
RELIGIOUS WORK
THE ALUMNI ASSOCIATION

Department of Physical Culture.

FRED MULL CRAWFORD, A. B.

Physical Director.

The Gymnasium is under the control of the Physical Director, and a course in Physical Culture is *required* of all applicants for the teacher's diploma.

Regular classes are organized, according to the gymnastic proficiencies of the students; and in addition to work adapted to the needs of individual students, daily drills are given in light gymnastics—calisthenics, dumb-bells, wands, clubs, and figure running. The exercises are graded and progressive, and made interesting by being frequently varied by the introduction of gymnastic contests and games. The classes are arranged at hours that do not conflict with other college duties.

There is an annual gymnastic exhibition held in the spring, at which time the college and the public have an opportunity to see evidences of the results of the physical training.

ATHLETICS.

The general management of the Athletics of the college is in the hands of an Athletic Council, on which there are representatives of both the Faculty and the student-body. This council is elected, under certain restrictions, by the popular vote of the Athletic Association of the college. The council is, therefore, able to serve as an intermediary committee between the Faculty, the students, and the athletic teams. The Faculty, however, through its committee on student activities is further able to keep a general oversight over athletic tendencies and the individual class standing of those participating in athletic activities. A close restriction is placed upon the character of games played, and the number of days which may be spent away from the home grounds.

The forms of athletics in which the college participates are football, baseball, basket-ball, track and tennis.

The following rules apply to all athletic teams of the college:

1. The Committee of the Faculty on Athletics is entrusted with the general oversight of all athletics, and is authorized to forbid any features in these exercises which endanger the health or morals of the participants.

2. No one shall play in any intercollegiate contest who is not, at the time of such contest, a regular matriculated student in good standing.

3. No student will be permitted to play upon any college team except after physical examination by the College Physician and with the approbation of the Physical Director.

4. Leave of absence for the purpose of playing intercollegiate match games may be allowed to the college teams, such leaves not to exceed five days in the session in the case of any team.

5. Only students who act as regular or substitute members of the athletic teams will be permitted to accompany them on trips away from the college.

6. Special monthly reports shall be made to the Faculty with respect to the class standing and progress in study of each player on the athletic teams during the seasons, whether such player be a regular or substitute member of any team.

7. Any member of an athletic team who is reported for neglect of his studies or for non-attendance on lectures, will be required by the Faculty to sever his connection with such team.

8. The athletic teams shall not have contests elsewhere than in Williamsburg with any except teams from other institutions of learning.

9. Members of teams, and all students visiting out of town except when in the company and under control of parents and guardians, are subject to the rules of the college.

College Societies and Publications.

PHI BETA KAPPA SOCIETY.

ALPHA OF VIRGINIA.

This Society, the first Greek Letter Fraternity in the United States, was formed at William and Mary, December 5, 1776. It admits to membership only graduates of the college and persons other than graduates distinguished in letters, science or education.

President.....HARRY ST. GEORGE TUCKER.

Vice-President.....JOHN LESSLIE HALL.

Secretary.....WALTER ALEXANDER MONTGOMERY.

Treasurer.....VAN FRANKLIN GARRETT.

LITERARY SOCIETIES.

There are two Literary Societies of long standing, the Philomathean and the Phoenix. They meet weekly in their halls for the purpose of cultivating debate, composition and declamation. They have their annual final celebrations during the week of Commencement.

PHOENIX SOCIETY.

Final President.....KENNETH ARNOLD AGEE.

Secretary.....WILLIAM HANSEN DEIERHOI.

Debaters..... { LEVI LEACHMOND SELF.

{ WALTER LEE HOPKINS.

Orators..... { CHARLES HENRY SMITH.

{ RAYMOND LECRON UNGER.

PHILOMATHEAN SOCIETY.

Final President.....HOWELL HARRIS FLETCHER.

Secretary.....JOHN LEWIS TUCKER.

Debaters..... ROBERT CLARENCE WARBURTON.

{ ARTHUR WILSON JAMES.

Orators..... { HERBERT WENTWORTH VADEN.

{ WILLIAM MORTIMER HARRISON.

MONTHLY MAGAZINE.

A monthly magazine is published by the two Literary Societies, and the managers for the session closing June 8, 1911, are:

Editor-in-Chief.....KENNETH ARNOLD AGEE.

EARL BALDWIN THOMAS.

Associate Editors.....

{ WILLAM BYRD LEE.

{ ELMER RAYMOND STUMP.

{ JOHN EDGAR CAPPS.

{ ALAN FRED ENGLISH.

{ FREDERICK DEANE GOODWIN.

Business Manager.....HOWELL HARRIS FLETCHER.

Asst. Business Manager....WALTER LEE HOPKINS.

THE BULLETIN.

The Bulletin of the College of William and Mary is issued quarterly, or so many times as need may require. The purpose of *The Bulletin* is to set forth the activities, needs or purposes of the college to its alumni, friends, and the general public. The annual catalogue is one of the regular numbers of *The Bulletin*.

Religious Work.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Young Men's Christian Association of the college has for a long time done a noble work in standing for a high spiritual life among its members, and in working throughout the college for the cause of Christianity. It holds its regular devotional meeting every Tuesday night in the Association Hall, which is in the Gymnasium Building. These meetings are addressed by the ministers of the town, by members of the Faculty, by student members of the Association or by visiting speakers. Once each year the Association holds a week of prayer service, which is usually led by an especially invited minister.

The Association does an excellent work in making smooth the way for new students. It publishes a handbook of information for their benefit, and, during the first week of college exercises, it holds a reception for the purpose of having the new students meet socially the other students and the members of the Faculty.

Towards the close of the session a final sermon is preached in the college chapel before the members of the Association.

A most important feature of the Association's work is the series of classes for the study of the English Bible, which are given under its direction. Courses are open to all students in The Life of Christ, The Acts and Epistles, Old Testament Characters, The Teaching of Jesus and His Apostles, and The Social and Political Teaching of Jesus.

The Association has the use of special shelves in the college library, which are furnished with carefully selected religious periodicals and books.

The Visitors and Faculty are in hearty sympathy with the work of the Young Men's Christian Association, and would urge upon parents and guardians that they encourage students to join the Association as soon as they enter the college.

CHAPEL SERVICES.

Regular religious exercises are conducted in the college chapel. The services are conducted by the ministers of the town, who graciously act as the chaplains of the college, or by members of the Faculty, or by representatives of the Young Men's Christian Association.

The college is not under the control of any religious body, but the discipline is administered with the view to confirm integrity and maintain a sacred regard for truth; and every effort is made to make the life of the college open to the best religious influence.

The Alumni Association.

OFFICERS OF THE ASSOCIATION.

(To serve until June 8, 1911.)

President..... JAMES SOUTHALL WILSON.

Vice-President..... HERBERT LEE BRIDGES.

Second Vice-President..... ARTHUR DAVIS WRIGHT.

Third Vice-President..... DR. PAUL WILLIAMSON HOWLE.

Secretary and Treasurer... H. DENISON COLE.

Executive Committee.

THE FOREGOING OFFICERS AND

DR. GEORGE A. HANKINS,

DR. JOHN LESSLIE HALL,

HUGH STOCKDELL BIRD.

By rules of the Alumni Association, all persons in good standing who have been students (graduates or otherwise) or professors of the College of William and Mary, wherever their actual residence, may be members of this Association when they shall have signed the constitution, stating their respective addresses, and paid their initiation fee. The society may also elect honorary members. The annual dues shall be one dollar, payable in advance to the Secretary on the day of the annual meeting.

PART V.

THE NORMAL ACADEMY

The Normal Academy.

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

LYON GARDNER TYLER, M. A., LL. D.,
President of the College.

HERBERT L. BRIDGES, A. B.,
Registrar of the College.

LEVIN WINDER LANE, JR.,
Treasurer of the College.

GEORGE OSCAR FERGUSON, JR., A. B.,
Principal of the Academy.

ROSCOE CONKLING YOUNG, A. B., B. S., A. M.,
Latin, History, French.

WILLIAM ASHBY BLOXTON, A. B.,
English, German, Civics.

RICHARD McLEOD CRAWFORD, A. M.,
Drawing and Manual Arts.

JOHN TYLER, A. M.,
Mathematics.

AMOS RALPH KOONTZ, A. B., B. S., A. M.,
Sanitation and Botany.

CHARLES CHAPMAN SNOW,
Chemistry.

ORGANIZATION.

Beginning with the session of 1911-'12, the Subcollegiate Courses formerly operated in connection with the Teachers' Courses under the direction of the several departments, will be discontinued and a Normal Academy organized, with a special corps of instructors, to take over all classes below college grade. William and Mary will accordingly maintain a Normal Academy and a Training School in addition to the College.

The Academy offers a three year course, correlated with the Teachers' Courses of the College and supported for the benefit of students who are preparing to teach and of those who are not within distance of a complete four-year high school.

The aim of the Academy is to fit students for entering the College by giving twelve full units toward entrance in academic subjects, supplemented by courses in Education, Manual Arts, and Drawing; and to teach the high school subjects from a normal viewpoint in order to train teachers for the public schools.

As the purpose of the Academy is to help develop the school system of Virginia, rather than to compete with the high schools, pupils other than those who desire to make teaching a profession, will only be admitted under certain restrictions. (See Entrance Requirements.)

The Academy has its separate corps of instructors; except that in the Sciences, Manual Arts, Drawing and Mathematics, the classes are conducted by the departmental assistants. Special attention will be given, with the aid of the professors in the departments, to the classes in Education, Manual Arts and Drawing. The Principal and two experienced assistants will be in general supervisory charge of the class work of the pupils.

Students of the Academy will, as far as possible, have assigned to them dormitories and class rooms distinct from those in use by the College. The general buildings and campus are, however, in common use, as are also the literary society halls, the library, laboratories, and athletic grounds. While, as far as possible, the Academy will be made distinct in organization and life from the

College, yet in grounds, buildings, and equipment, the same advantages will be offered to both.

The President and Faculty of the College have general control of the Normal Academy, but the ordinary administration of the Academy is committed to the Principal and a Faculty Committee.

ADMISSION AND DISCIPLINE.

The candidates for admission to this school shall belong to one of the following classes:

1. Students intending to be teachers in the public schools. All such candidates must be recommended by the county superintendents, and be willing to take a pledge to teach two years in the public schools after leaving College.

2. All young men who have been teachers in the public schools not less than one term, or who have been formerly enrolled as students in the subcollegiate classes.

3. All young men over public school age (20 years).

4. All young men who have completed the highest grade of instruction accessible to them in an accredited high school at the place of their residence.

But no student shall be admitted into this school who is not fifteen years of age, or who fails to give evidence by certificate or examination of the completion of the work of the seventh grade of a public school or its equivalent.

All students, unless excused, shall observe such regular hours of study as well as class attendance as may be outlined by the Principal at the opening of the session. In addition to the general rules of the College as set forth in the catalogue, there shall be observed by the pupils in the Academy such rules as may from time to time be specified.

Students registered in the Academy will not be permitted to join any of the College fraternities or clubs; nor will they be

permitted to represent the College in intercollegiate literary or athletic contests.* Organizations of their own will be encouraged and fostered; but the organization of fraternities in the Academy will not be permitted.

EXPENSES AND STATE SCHOLARSHIPS.

The expenses of fees, board, room, etc., will be found listed on page 48. Conditions of obtaining and holding State scholarships, representing about one-fourth of the necessary cost will be found on pages 76-77. They are alike for College and Academy students.

COURSES OF STUDY.

The courses of the first three years outlined below are maintained primarily for those who are preparing to teach. No student who fails to maintain a high standard of character and scholarship will be retained in these courses. Students will be required to take the outlined work of the Teachers' Courses.

For full details of the courses see pages 83-86.

LANGUAGE AND HISTORY COURSE.

FIRST YEAR.

First Term.		Second Term.	
	Per Week.		Per Week.
English (A)	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithmetic and Algebra	5 hrs.	Mathematics (A), Arithmetic and Algebra	5 hrs.
Latin (A), (Beginning)....	5 hrs.	Latin (A) continued.....	5 hrs.
Physical Geography (Ed. A)	3 hrs.	Physical Geography (Ed. A) continued	3 hrs.
Drawing (A)	2 hrs.	Drawing (A)	2 hrs.
	<hr/> 20 hrs.		<hr/> 20 hrs.

*Students at present enrolled will be permitted to play on the athletic teams for the session of 1911-12.

SECOND YEAR.

English (B)	4 hrs.	English (B) continued....	4 hrs.
Mathematics (B), Algebra..	4 hrs.	Mathematics (B), Algebra	
Latin (B), Grammar Re-		and Plane Geometry.....	4 hrs.
viewed—Cæsar	4 hrs.	Latin (B) continued—	
Civics and Virginia His-		Cæsar	4 hrs.
tory	3 hrs.	Civics and Virginia History	3 hrs.
Sanitation and Botany....	2 hrs.	Sanitation and Botany...	4 hrs.
Manual Arts (B)	2 hrs.	Manual Arts (B)	2 hrs.
	<hr/>		<hr/>
	19 hrs.		19 hrs.

THIRD YEAR.

English (C)	4 hrs.	English (C) continued....	4 hrs.
Mathematics (C) Plane		Mathematics (C) continued	
Geometry and Algebra..	3 hrs.	—Plane Geometry.....	3 hrs.
Latin (C), Cicero.....	4 hrs.	Latin (C) cont'd—Cicero..	4 hrs.
General History (C)	4 hrs.	General History (C) con-	
Education (C)	3 hrs.	tinued	4 hrs.
Music	1 hr.	Education (C) continued..	3 hrs.
	<hr/>	Music	1 hr.
	19 hrs.		<hr/>
			19 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

SCIENCE COURSE.

The first and second years of this course are the same as the first and second years of the Language and History Course.

THIRD YEAR.

First Term.

English (C)	4 hrs.
Mathematics (C) Plane	
Geometry and Algebra..	3 hrs.
Drawing I., Mechanical	
Drawing	2 hrs.
General History (C)	4 hrs.
Education (C)	3 hrs.
Music	1 hr.
One elective	3 hrs.
	<hr/>
	20 hrs.

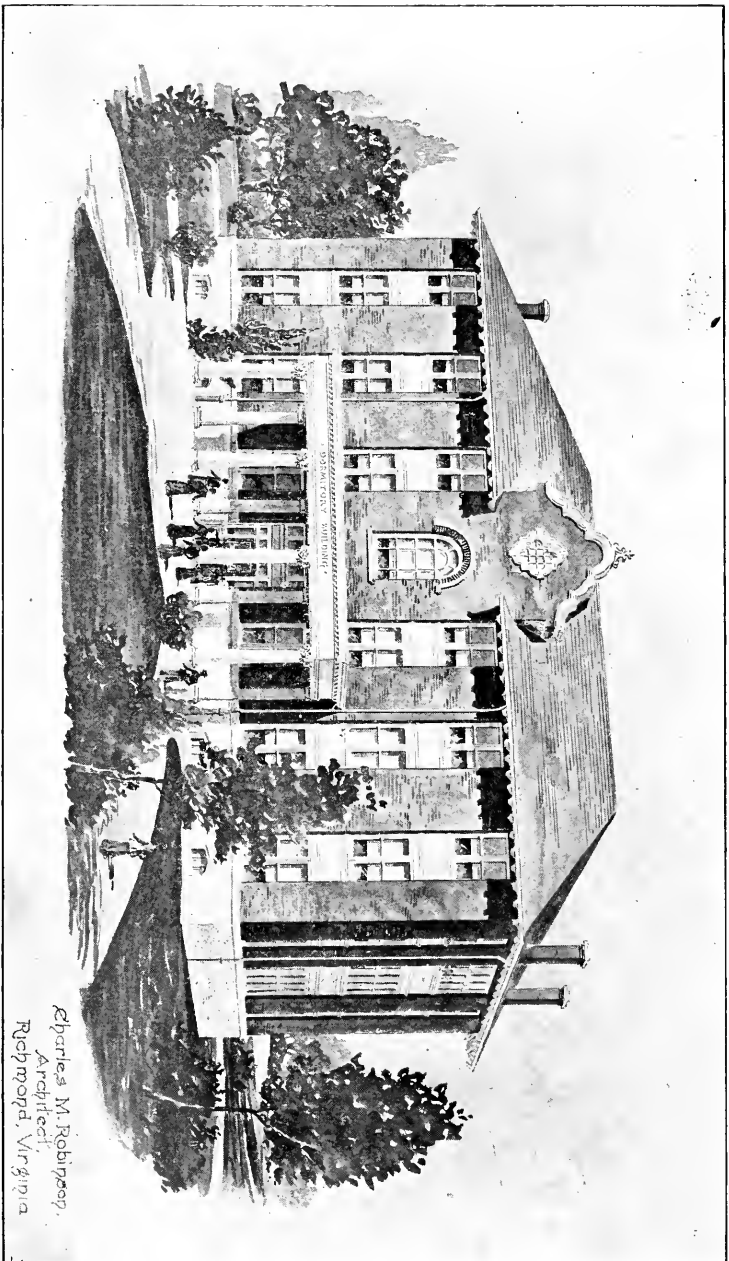
Second Term.

English (C) continued....	4 hrs.
Mathematics (C) continued	
—Plane Geometry.....	3 hrs.
Drawing II.	2 hrs.
General History (C) con-	
tinued	4 hrs.
Education (C) continued..	3 hrs.
Music	1 hr.
One elective	3 hrs.
	<hr/>
	20 hrs.

Elect one course:—

Chemistry (C) Elementary.. 3 hrs.	Agriculture (C) 3 hrs.
French (C) 3 hrs.	French (C) 3 hrs.
German (C) 3 hrs.	German (C) 3 hrs.
Woodworking (C) 2 hrs.	Woodworking (C) 2 hrs.
Physical Culture—Four Periods per week from Nov. 1st to April 1st.	

The completion of the third year of the Academy fits the student for entering upon the outlined fourth year of the Teachers' courses as given on pages 80-81 in the correlated work of the first collegiate year.



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WILLIAMSBURG FEMALE INSTITUTE BUILDING.



